ANADOLU

2026

Product Catalogue

Blasting abrasives · Blasting equipment · Painting equipment · Construction and quartz sands

www.anadolukumlama.com.tr

+90 216 706 70 72 · satis@anadolukumlama.com

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ANADOLU KUMLAMA

About us

We are an Istanbul-based company serving the fields of blasting abrasives, blasting equipment and surface treatment.

Anadolu Kumlama Yüzey İşleme Metal Sanayi ve Ticaret Limited Şirketi (Anadolu Kumlama) supplies mineral, metallic, plastic and organic abrasives and blasting equipment used in abrasive blasting and surface preparation, and provides quotations for blasting services.

With more than 10 years of professional experience in the sector, we evaluate your surface, your blasting system and the desired result together when selecting materials. Our technical team helps you choose the right grain size and abrasive. We have a 500 m² warehouse on the European side of Istanbul.



We ship orders by cargo to every part of Turkey and also export abroad.

Our fields of activity

Blasting abrasives

Aluminium oxide, garnet, silicon carbide, glass beads, ceramic beads, steel shot and grit, cut wire, stainless and non-ferrous metallic abrasives, as well as plastic and organic abrasives. You can review all products with their technical data on our products page.

Blasting equipment

Contracor brand pressure blasting machines, blast hoses, nozzles, blasting helmets, breathing air filters and fittings. For models and technical data, see our blasting equipment page.

Blasting service

Removal of rust, paint and coatings, and surface preparation prior to coating. For details and a quotation, visit our blasting service page.

Our certificates

You can view our quality, environmental, occupational health and safety, business continuity, risk, customer satisfaction and social responsibility management system certificates on our certificates page.

Some of the organisations we work with

- Aselsan
- Makine ve Kimya Endüstrisi Anonim Şirketi
- Akkuyu Nuclear Power Plant
- Togg

The full list is available on our references page.

BLASTING ABRASIVES

Mineral abrasives

13 products

- White Fused Alumina - EK
- White Fused Alumina Micro - EK Micro
- Brown Fused Alumina - NK
- Garnet
- Mixed Alumina - MIX
- Black Silicon Carbide - SIC
- Glass Beads - GLSB
- Glass Granules - GGR
- Ceramic Beads
- Pink fused alumina
- Brown fused alumina FeSi
- SIBASIV
- Emery

MINERAL ABRASIVES

White Fused Alumina - EK

High purity, iron-free structure, precision surface treatment.



White Fused Alumina belongs to the group of electro-corundum. It is produced by controlled melting of alumina in an electric arc furnace. White fused alumina is iron-free, ultra pure and extremely hard. Blasting is a widely used method for surface preparation and cleaning. The type of abrasive used directly affects the surface quality achieved and the efficiency of the process. White aluminium oxide (Al_2O_3) stands out in the blasting sector for its high purity, hardness and iron-free structure.

HARDNESS	SPECIFIC GRAVITY
9 Mohs	**~3.9 – 4.1 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**FEPA**

Technical data

Product code	EK
Hardness	9 mohs
Grain shape	angular
Melting point	approx. 2050 °C
Specific gravity	approx. 3.9 – 4.1 g/cm³
Bulk density (depending on granular size)	approx. 1.4 – 2.1 g/cm³
Typical Chemical Analysis	Al_2O_3 99.73 % · Na_2O 0.14 % · Fe_2O_3 0.03 % · SiO_2 0.01 % · CaO 0.02 % · TiO_2 0.02 % · MgO 0.01 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Grinding, lapping and polishing media
- Ceramic grinding wheels and grinding media
- Wear-resistant and refractory products
- Surface cleaning of stainless steel and non-ferrous metals
- Surface roughening before painting and coating
- Precision surface treatment of medical devices
- High-precision blasting in the aerospace and defence industries
- Processing of brittle materials such as glass, stone and ceramics

Key features

- Can be used safely on stainless steels because it contains no iron
- Provides fast and effective cleaning thanks to its high abrasive power
- Being reusable offers a cost advantage
- Very low free crystalline silica content; respiratory protection against blasting dust is still required
- Low dust generation

Available sizes

FEPA	Average grain size (µm)
F 008	2000 – 2800
F 010	1700 – 2360
F 012	1400 – 2000
F 014	1180 – 1700
F 016	1000 – 1400
F 020	850 – 1180
F 022	710 – 1000
F 024	600 – 850

FEPA	Average grain size (µm)
F 030	500 – 710
F 036	425 – 600
F 040	355 – 500
F 046	300 – 425
F 054	250 – 355
F 060	212 – 300
F 070	180 – 250
F 080	150 – 212

FEPA	Average grain size (µm)
F 090	125 – 180
F 100	106 – 150
F 120	90 – 125
F 150	63 – 106
F 180	63 – 90
F 220	53 – 75
Metric	0.25 – 0.50 mm
Metric	0.50 – 1.00 mm

> White aluminium oxide is a high-purity abrasive for precision blasting jobs where the surface must not be contaminated with iron. It is used especially in precision surface treatment and high-tech applications.

MINERAL ABRASIVES

White Fused Alumina Micro - EK Micro

High-purity, iron-free alumina in micro grit sizes.



White Fused Alumina belongs to the group of electro-corundum. It is produced by controlled melting of alumina in an electric arc furnace. White fused alumina is an iron-free, high-purity and very hard abrasive. EK micro is supplied in closely graded grain sizes from 53 µm down to 3 µm.

HARDNESS **9 Mohs**	SPECIFIC GRAVITY **~3.9 – 4.1 g/cm³**
GRAIN SHAPE **Angular**	SIZE SYSTEM **FEPA**

Technical data

Product code	EK MIKRO
Hardness	9 mohs
Grain shape	angular
Melting point	approx. 2050 °C
Specific gravity	approx. 3.9 – 4.1 g/cm³
Bulk density (depending on granular size)	approx. 0.8 – 1.9 g/cm³
Typical Chemical Analysis	Al_2O_3 99.69 % · Na_2O 0.20 % · Fe_2O_3 0.02 % · SiO_2 0.03 % · CaO 0.05 % · TiO_2 0.01 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Grinding, lapping and polishing media
- Ceramic grinding wheels and grinding media
- Wear-resistant and refractory products

Key features

- Reusable abrasive

Average grain size (µm)

FEPA	ds3 max. (µm)	ds50 (µm)	ds94 min. (µm)
F 230	82.0	53.0 +/- 3.0	34.0
F 240	70.0	44.5 +/- 2.0	28.0
F 280	59.0	36.5 +/- 1.5	22.0
F 320	49.0	29.2 +/- 1.5	16.5
F 360	40.0	22.8 +/- 1.5	12.0
F 400	32.0	17.3 +/- 1.0	8.0
F 500	25.0	12.8 +/- 1.0	5.0
F 600	19.0	9.3 +/- 1.0	3.0
F 800	14.0	6.5 +/- 1.0	2.0
F 1000	10.0	4.5 +/- 0.8	1.0
F 1200	7.0	3.0 +/- 0.5	1.0*

MINERAL ABRASIVES

Brown Fused Alumina - NK

Hard, angular grains and a wide range of grain sizes.



Brown Fused Alumina belongs to the group of electro-corundum. It is produced by controlled melting of calcined bauxite in an electric arc furnace. Brown fused alumina is iron-free and tough. Brown aluminium oxide is one of the most preferred abrasives in industrial blasting. Belonging to the fused alumina group, it is produced by melting bauxite and anthracite at high temperature. Its angular, hard structure gives surfaces an aggressive abrasive action. Compared with quartz sand, the risk from free crystalline silica is low; respiratory protection against blasting dust is still required.

HARDNESS	SPECIFIC GRAVITY
9 Mohs	**~3.9 – 4.1 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**FEPA**

Technical data

Product code	NK
Hardness	9 mohs
Grain shape	angular
Melting point	approx. 1950 °C
Specific gravity	approx. 3.9 – 4.1 g/cm³
Bulk density (depending on granular size)	approx. 1.5 – 2.1 g/cm³
Typical Chemical Analysis	Al_2O_3 95.65 % · TiO_2 2.42 % · Fe_2O_3 0.12 % · SiO_2 0.92 % · CaO 0.35 % · MgO 0.22 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Grinding, lapping and polishing medium
- Ceramic grinding wheels and grinding media
- Wear-resistant and refractory products
- Rust and paint removal
- Matting of metal surfaces
- Decorative processing of glass and ceramics
- Surface preparation of automotive parts
- Production of sandpaper and abrasive stones
- Surface roughening before coating and welding

Key features

- Fast and effective cleaning with high abrasive power
- Hard, angular grains create a pronounced surface profile before painting
- Compatible with wet and dry blasting systems
- Reusable, long-lasting and economical
- Low dust generation
- Available in a wide FEPA grain range

Available sizes

FEPA	Average grain size (µm)
F 008	2000 – 2800
F 010	1700 – 2360
F 012	1400 – 2000
F 014	1180 – 1700
F 016	1000 – 1400
F 020	850 – 1180
F 022	710 – 1000
F 024	600 – 850
F 030	500 – 710
F 036	425 – 600

FEPA	Average grain size (µm)
F 040	355 – 500
F 046	300 – 425
F 054	250 – 355
F 060	212 – 300
F 070	180 – 250
F 080	150 – 212
F 090	125 – 180
F 100	106 – 150
F 120	90 – 125
F 150	63 – 106

FEPA	Average grain size (µm)
F 180	63 – 90
F 220	53 – 75
Metric	0.06 – 0.12 mm
Metric	0.12 – 0.25 mm
Metric	0.25 – 0.50 mm
Metric	0.50 – 1.00 mm
Metric	1.00 – 2.00 mm
Metric	1.00 – 3.00 mm

> Brown aluminium oxide is a general-purpose blasting abrasive used for removing rust, paint and mill scale and for surface preparation before painting. With its wide choice of grain sizes, it can be used in jobs ranging from heavy industry to fine surface treatment.

MINERAL ABRASIVES

Garnet

A natural, almandine-based abrasive, from blasting to waterjet cutting.



Garnet is natural sand and belongs to the group of garnet stones. Garnet sands are monocrystalline, unbroken grains with irregular shapes with naturally polished edges. Garnet sand is an abrasive with high hardness and chemical stability, obtained from almandine-based garnet, a natural silicate mineral. It is widely used in industrial applications such as blasting and waterjet cutting. It is preferred because it contains far less free crystalline silica than quartz sand and produces little dust; respiratory protection is still required.

HARDNESS	SPECIFIC GRAVITY
approx. 6 – 7.5 Mohs	**~3.5 – 4.3 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**Mesh**

Technical data

Product code	GARNET
Hardness	approx. 6 – 7.5 mohs
Grain shape	angular
Melting point	approx. 1300 °C
Specific gravity	approx. 3.5 – 4.3 g/cm³
Bulk density (depending on granular size)	approx. 1.9 – 2.2 g/cm³
Typical Chemical Analysis	SiO_2 35.00 % (very low free crystalline silica content) · Fe_2O_3 33.00 % · Al_2O_3 23.00 % · MgO 7.00 % · MnO 1.00 % · CaO 1.00 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- High-pressure water jet cutting medium
- Cleaning of building exteriors
- Sweeping
- Removal of rust, paint and dirt from surfaces
- External surface preparation of ship hulls and tanks
- Cleaning of pipes and equipment in petrochemical plants
- Concrete and floor preparation
- Decorative processing of glass and ceramic surfaces
- Precision cutting in waterjet systems

Key features

- Contains far less free crystalline silica than quartz sand
- Low dust generation
- Offers effective cleaning with high abrasive power
- A natural mineral
- Being reusable provides a cost advantage
- Provides high precision and efficiency in waterjet cutting

Available sizes

MESH	Average grain size (mm)	Application
12/20	0.50 – 1.20	Blasting
20/40	0.50 – 1.00	Blasting
30/60	0.20 – 0.60	Blasting
80	0.180 – 0.35	for high-pressure water jet cutting
120	0.180 – 0.25	for high-pressure water jet cutting
180	0.090 – 0.15	for high-pressure water jet cutting

MESH	Average grain size (mm)	Application
200	0.075 – 0.15	for high-pressure water jet cutting
240	0.045 – 0.10	for high-pressure water jet cutting
–	0.01 – 0.06	for cleaning of building exteriors
–	0.06 – 0.10	for cleaning of building exteriors
–	0.10 – 0.25	for cleaning of building exteriors

> Garnet is a natural abrasive widely used in blasting and waterjet cutting. Thanks to its wide range of applications, it is used in many sectors, from industrial cleaning to precision cutting.

MINERAL ABRASIVES

Mixed Alumina - MIX

A mix of aluminium oxide types for general-purpose blasting.



Mixed Alumina is produced from ceramic grinding wheels and reclaimed alumina dust from the blasting and grinding industry. It consists of a mixture of white, pink and brown alumina, and is an iron-free alternative for many sectors of the blasting and grinding industry. Anadolu Kumlama Mixed Alumina is a hard, angular abrasive combining different types of aluminium oxide. It brings the high hardness of aluminium oxide to general-purpose blasting and is used for surface cleaning and pre-coating preparation.

HARDNESS	SPECIFIC GRAVITY
9 Mohs	**~3.9 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**FEPA**

Technical data

Product code	MIX
Hardness	9 mohs
Grain shape	angular
Melting point	approx. 2000 °C
Specific gravity	approx. 3.9 g/cm³
Bulk density (depending on granular size)	approx. 1.5 – 1.8 g/cm³
Typical Chemical Analysis	Al_2O_3 88.10 % · SiO_2 6.80 % · TiO_2 0.70 % · CaO 0.30 % · MgO 0.30 % · Fe_2O_3 0.20 % · SiC 5.80 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Grinding, lapping and polishing medium
- Grinding wheels and grinding medium
- Refractory products
- Rust and paint removal
- Surface roughening before coating
- Matting of metal surfaces
- General-purpose blasting

Key features

- High hardness and effective abrasion
- Good surface profile with angular grains
- Compatible with pressure systems
- Reusable

Available sizes

FEPA	Average grain size (µm)
F 008	2000 – 2800
F 010	1700 – 2360
F 012	1400 – 2000
F 014	1180 – 1700
F 016	1000 – 1400
F 020	850 – 1180
F 022	710 – 1000
F 024	600 – 850

FEPA	Average grain size (µm)
F 030	500 – 710
F 036	425 – 600
F 040	355 – 500
F 046	300 – 425
F 054	250 – 355
F 060	212 – 300
F 070	180 – 250
F 080	150 – 212

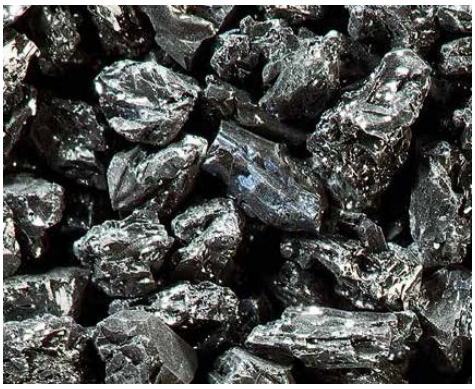
FEPA	Average grain size (µm)
F 090	125 – 180
F 100	106 – 150
F 120	90 – 125
F 150	63 – 106
F 180	63 – 90
F 220	53 – 75

> Mixed Alumina is a suitable option for general-purpose blasting that benefits from the hardness of aluminium oxide. Values are typical industry figures; contact our sales team for the product data sheet and current grain options.

MINERAL ABRASIVES

Black Silicon Carbide - SIC

Very high hardness and sharp grains for demanding surfaces.



Black silicon carbide consists of crystalline silicon carbide, which is produced from silica sand and petroleum coke in electric resistance furnaces at temperatures of > 2.300 °C. Silicon carbide is iron-free, angular and extremely hard. Anadolu Kumlama Black Silicon Carbide is a synthetic material among the hardest abrasives. Its sharp, friable grains continually form new cutting edges. It is preferred for processing hard materials and for glass, stone and ceramic surfaces.

HARDNESS	SPECIFIC GRAVITY
approx. 9 – 10 Mohs	**~3.2 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**FEPA**

Technical data

Product code	SIC
Hardness	approx. 9 – 10 mohs
Grain shape	angular
Melting point	approx. 2300 °C
Specific gravity	approx. 3.2 g/cm³
Bulk density (depending on granular size)	approx. 1.3 – 1.5 g/cm³
Typical Chemical Analysis	SiC 98.00 % · Fe_2O_3 0.24 % · Free carbon 0.50 % · Magnetic particles 0.12 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Grinding, lapping and polishing medium
- Grinding wheels and grinding medium
- Wear-resistant and refractory products
- Processing of glass, stone and ceramic surfaces
- Surface preparation of hard metals and castings
- Stripping of hard coatings
- Production of sandpaper and abrasive products

Key features

- Very high hardness and fast cutting
- Forms new sharp edges as it breaks down
- Effective surface profile on hard materials
- Wide choice of FEPA grades

Available sizes

FEPA	Average grain size (µm)
F 008	2000 – 2800
F 010	1700 – 2360
F 012	1400 – 2000
F 014	1180 – 1700
F 016	1000 – 1400
F 020	850 – 1180
F 022	710 – 1000
F 024	600 – 850
F 030	500 – 710

FEPA	Average grain size (µm)
F 036	425 – 600
F 040	355 – 500
F 046	300 – 425
F 054	250 – 355
F 060	212 – 300
F 070	180 – 250
F 080	150 – 212
F 090	125 – 180
F 100	106 – 150

FEPA	Average grain size (µm)
F 120	90 – 125
F 150	63 – 106
F 180	63 – 90
F 220	53 – 75
Metric	0.50 – 1.00 mm
Metric	1.00 – 2.00 mm
Metric	1.00 – 3.00 mm

> Black Silicon Carbide gives fast, powerful cutting on hard materials where aluminium oxide falls short. Values are typical industry figures; contact our sales team for the product data sheet and current grain options.

MINERAL ABRASIVES

Glass Beads - GLSB

Spherical grains, a satin finish and cleaning without dimensional change.



In the production of glass granules, soda-lime glass is crushed and pre-sifted. The crushed glass is then shaped into beads by means of a heat stream in a furnace. Glass beads are a mineral blasting medium. Anadolu Kumlama Glass Beads are a spherical glass abrasive. Because they work the surface by impact rather than by cutting, they preserve part dimensions while giving a clean, bright or satin appearance. They are preferred for stainless steel, aluminium and precision metal parts.

HARDNESS	SPECIFIC GRAVITY
6 Mohs	**~2.5 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Spherical	**µm**

Technical data

Product code	GLSB
Hardness	6 mohs
Grain shape	spherical
Melting point	approx. 730 °C
Specific gravity	approx. 2.5 g/cm³
Bulk density (depending on granular size)	approx. 1.5 – 1.6 g/cm³
Typical Chemical Analysis	SiO_2 70.00 – 75.00 % · Na_2O 12.00 – 15.00 % · CaO 7.00 – 12.00 % · MgO max. 5.00 % · Al_2O_3 max. 2.50 % · K_2O max. 1.50 % · Fe_2O_3 max. 0.50 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Polishing
- Compacting
- Blast-cleaning
- Satin finish on stainless steel and aluminium parts
- Cleaning of precision parts
- Removal of weld seams and heat tint
- Surface hardening of small parts (glass bead peening)

Key features

- No significant change in part dimensions
- Gives a uniform, decorative finish
- Causes no iron contamination
- Reusable under suitable conditions

Available sizes

Average grain size (µm)	Average grain size (µm)	Average grain size (µm)
0 – 50	**100 – 200**	**400 – 600**
40 – 70	**150 – 250**	**600 – 800**
70 – 110	**200 – 300**	
90 – 150	**300 – 400**	

> Glass Beads deliver a clean, controlled result where surface appearance and part dimensions matter. Values are typical industry figures; contact our sales team for the product data sheet and current grain options.

MINERAL ABRASIVES

Glass Granules - GGR

Iron-free, angular glass granules made from soda-lime glass.



In the production of glass granules, soda-lime glass is crushed and sifted according to individual grain sizes. Glass granules are an iron-free, mineral blasting medium.

HARDNESS	SPECIFIC GRAVITY
6 Mohs	**~2.5 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**µm**

Technical data

Product code	GGR
Hardness	6 mohs
Grain shape	angular
Melting point	approx. 730 °C
Specific gravity	approx. 2.5 g/cm³
Bulk density (depending on granular size)	approx. 1.5 – 1.6 g/cm³
Typical Chemical Analysis	SiO_2 70.00 – 75.00 % · Na_2O 12.00 – 15.00 % · CaO 7.00 – 12.00 % · MgO max. 5.00 % · Al_2O_3 max. 2.50 % · K_2O max. 1.50 % · Fe_2O_3 max. 0.50 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets

Applications

- Rust removal
- Paint-stripping
- Roughening
- Rust, paint and dirt removal
- Gentle roughening of wooden surfaces
- Decorative frosting of glass surfaces
- Cleaning of concrete and stone surfaces
- Removal of graffiti and surface stains
- Glass blasting for visual privacy

Key features

- Low dust generation
- Used as an alternative to silica sand, which contains crystalline silica
- Provides effective cleaning with low impact on the surface
- Suitable for both industrial and decorative applications

Available sizes

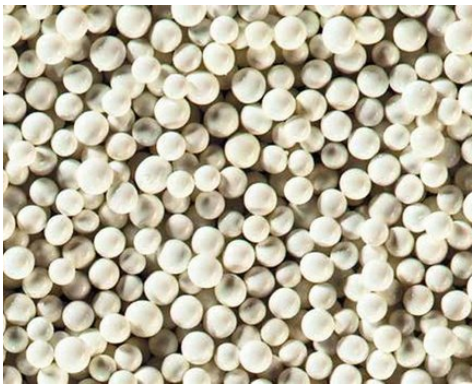
Average grain size (µm)	Average grain size (µm)	Average grain size (µm)
0 – 106	**125 – 224**	**350 – 500**
0 – 125	**125 – 250**	**350 – 600**
80 – 125	**200 – 315**	**350 – 800**
106 – 125	**200 – 350**	**600 – 1000**
106 – 150	**250 – 350**	**800 – 1600**
106 – 180	**250 – 400**	
125 – 200	**315 – 500**	

> Glass grit (glass granules) is an economical choice for removing light rust, paint and dirt. Produced by crushing and screening soda-lime glass, this iron-free abrasive is used everywhere from industrial cleaning to decorative glass work.

MINERAL ABRASIVES

Ceramic Beads

Zirconia-based, iron-free and hard spherical ceramic beads.



Ceramic beads are a zirconia based blasting medium, which is produced in a melting process and then shaped into spherical beads and classified in various grain sizes. Ceramic beads are iron-free and extremely tough.

HARDNESS	SPECIFIC GRAVITY
approx. 7 – 7.5 Mohs	**~3.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Spherical	**µm**

Technical data

Hardness	approx. 7 – 7.5 mohs
Grain shape	spherical
Melting point	approx. 2100 °C
Specific gravity	approx. 3.8 g/cm³
Bulk density (depending on granular size)	approx. 2.1 – 2.4 g/cm³
Typical Chemical Analysis	ZrO_2 61.98 % · SiO_2 27.77 % · Al_2O_3 4.57 % · CaO 3.47 % · Fe_2O_3 0.14 % · TiO_2 0.34 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets, Airless blast-cleaning equipment

Applications

- Polishing
- Shot peening
- Blast-cleaning

Key features

- Reusable abrasive

Available sizes

Average grain size (µm)	Average grain size (µm)	Average grain size (µm)
0 – 63	**125 – 250**	**600 – 850**
0 – 125	**250 – 425**	
70 – 125	**425 – 600**	

> Ask our sales team about grain sizes that are not listed.

MINERAL ABRASIVES

Pink fused alumina

Pink fused alumina, tougher and longer-lasting thanks to chromium oxide.



Our customers use both pink fused alumina and white fused alumina as a blasting medium and abrasive. However, the addition of chromium oxide makes pink fused alumina tougher and more durable.

HARDNESS	SPECIFIC GRAVITY
9 Mohs	**ca. 3.9 – 4.1 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**FEPA**

Technical data

Hardness	9 mohs
Grain shape	angular
Melting point	ca. 2.050 °C
Specific gravity	ca. 3.9 – 4.1 g/cm³
Bulk density (depending on grain size)	ca. 1.3 – 2.0 g/cm³
Typical Chemical Analysis	Al_2O_3 99.30 % · Cr_2O_3 0.30 % · Na_2O 0.30 % · Fe_2O_3 0.05 % · CaO 0.05 %
Specifications	FEPA F; FEPA P; EN ISO 11126-7; DIN ISO 8486-1; MIL A-A-59316; ANSI B74-12; JIS R6001; D50TF5 Class A+D
Approvals	CSS12 (Rolls-Royce)
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Bonded grinding wheels
- Dry abrasive
- Fine abrasive
- Grinding media on underlay
- Wet abrasive

Key features

- Reusable abrasive

Available sizes

FEPA	Average grain size (µm)
F 008	2000 – 2800
F 010	1700 – 2360
F 012	1400 – 2000
F 014	1180 – 1700
F 016	1000 – 1400
F 020	850 – 1180
F 022	710 – 1000
F 024	600 – 850

FEPA	Average grain size (µm)
F 030	500 – 710
F 036	425 – 600
F 040	355 – 500
F 046	300 – 425
F 054	250 – 355
F 060	212 – 300
F 070	180 – 250
F 080	150 – 212

FEPA	Average grain size (µm)
F 090	125 – 180
F 100	106 – 150
F 120	90 – 125
F 150	63 – 106
F 180	53 – 90
F 220	45 – 75

> Other grain sizes can be produced if required.

MINERAL ABRASIVES

Brown fused alumina FeSi

Hard and heavy, a powerful multi-purpose brown fused alumina.



Brown fused alumina FeSi is an alternative whenever you want to make use of the typical alumina properties but the product does not have to be iron-free. The combination of hardness and high weight make this blasting medium powerful.

HARDNESS	SPECIFIC GRAVITY
9 Mohs	**ca. 5.5 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**mm**

Technical data

Product code	FeSi
Hardness	9 mohs
Grain shape	angular
Melting point	ca. 1.500 °C
Specific gravity	ca. 5.5 g/cm³
Bulk density (depending on grain size)	ca. 2.2 – 3.0 g/cm³
Typical Chemical Analysis	Al_2O_3 39.00 % · TiO_2 0.90 % · Fe_2O_3 0.30 % · SiO_2 0.30 % · Fe 46.00 % · Si 7.20 % · Ti 3.00 %
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Multi-purpose blasting abrasives
- Wear protection

Available sizes

Average grain size (mm)	Average grain size (mm)	Average grain size (mm)
0.12 – 0.25	**0.50 – 1.00**	**1.00 – 1.50**
0.25 – 0.50	**0.50 – 1.50**	**1.00 – 2.00**

> Other grain sizes can be produced if required.

MINERAL ABRASIVES

SIBASIV

Iron-free, tough bauxite abrasive usable for up to 20 cycles.



SIBASIV blast bauxite is an iron-free, economical alternative to the conventional alumina types. This blasting medium is very tough due to its high proportion of titanium oxide, thus delivering lifespans of up to 20 cycles.

HARDNESS	SPECIFIC GRAVITY
8 Mohs	**ca. 3.1 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**mm**

Technical data

Hardness	8 mohs
Grain shape	angular
Melting point	ca. 1.350 °C
Specific gravity	ca. 3.1 g/cm³
Bulk density (depending on grain size)	ca. 1.2 – 1.6 g/cm³
Typical Chemical Analysis	Al_2O_3 86.26 % · SiO_2 7.20 % · TiO_2 3.40 % · Fe_2O_3 1.78 % · CaO 0.49 % · MgO 0.15 %
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Refractory products

Available sizes

Average grain size (mm)
0.25 – 0.50
0.50 – 1.00
1.00 – 1.50
1.00 – 2.00

> Other grain sizes can be produced if required.

MINERAL ABRASIVES

Emery

Affordable, iron-free emery made from natural minerals.



Emery is a blasting medium which is produced from natural minerals. This low-priced product does not quite reach the lifespans of fused alumina and SIBASIV blast bauxite, but it is “alumina-typical” in its lack of iron and abrasive performance.

HARDNESS	SPECIFIC GRAVITY
ca. 7.5 – 8.5 Mohs	**ca. 3.5 – 4.0 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**mm**

Technical data

Hardness	ca. 7.5 – 8.5 mohs
Grain shape	angular
Melting point	ca. 1.400 °C
Specific gravity	ca. 3.5 – 4.0 g/cm³
Bulk density (depending on grain size)	ca. 1.6 – 1.9 g/cm³
Typical Chemical Analysis	Al_2O_3 61.74 % · Fe_2O_3 24.65 % · SiO_2 7.31 % · TiO_2 2.84 % · CaO 3.16 % · MgO 0.34 %
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Paint stripping
- Roughening
- Rust removal

Available sizes

Average grain size (mm)
0.25 – 0.50
0.50 – 1.00
1.00 – 1.50
1.00 – 2.00

> Other grain sizes can be produced if required.

BLASTING ABRASIVES

Metallic abrasives

15 products

- Steelshot Round HC - GS - R
- Steelshot Round LC - GS - R
- Steelgrit Angular - GS - K
- Cylindrical Cut Wire Shot
- Conditioned Cut Wire Shot
- Stainless Steel Shot - CrNi
- Stainless Steel Grit - Cr - Grit
- Chilled cast iron angular
- Chilled iron shot
- Cast stainless steel round Cr shot
- Aluminium shot
- Aluminium Cut Wire
- Zinc Cut Wire
- Stainless Steel Cut Wire CrNi
- Stainless Steel Cut Wire Cr

METALLIC ABRASIVES

Steelshot Round HC - GS - R

Cleaning and surface hardening through controlled impact.



High Carbon Steelshot is produced by a melting process and subsequently reshaped into spherical grain particles. Due to the hardness of the new grain, high cleaning intensity is achieved from the start. Steel shot is a metallic abrasive widely used for surface cleaning and surface hardening. Its round shape and high density apply a controlled impact to the surface, providing both cleaning and mechanical surface improvement. It is preferred especially in turbine blasting systems.

HARDNESS	SPECIFIC GRAVITY
40 – 52 HRC	**~7.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Spherical	**Designation no.**

Technical data

Product code	HC - GS - R
Hardness	40 – 52 HRC (390 – 535 HV)
Grain shape	spherical
Melting point	approx. 1535 °C
Density	approx. 7.8 g/cm³
Bulk density (depending on granular size)	approx. 4.0 – 4.6 g/cm³
Microstructure	martensitic
Typical Chemical Analysis	C 0.80 – 1.20 % · Mn 0.35 – 1.20 % · Si 0.40 – 1.50 % · P max. 0.05 % · S max. 0.05 % · Fe Remainder
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Airless blast-cleaning equipment

Applications

- Descaling, sand removal
- Paint-stripping
- Shot-Peening
- Removal of rust, paint and oxide layers
- Surface hardening (shot peening)
- Surface preparation before welding and coating
- Cleaning of cast and forged parts
- Surface treatment in the automotive, defence and shipbuilding industries
- Roughening of marble and stone surfaces

Key features

- Provides effective cleaning and hardening with high impact power
- Its round shape treats the surface without cutting it
- Long-lasting and reusable
- Offers a clean working environment with low dust generation
- Compatible with turbine and pressure systems

Available sizes

Description	Average grain size (mm)
S 070	0.2 – 0.4
S 110	0.3 – 0.6
S 170	0.4 – 0.7
S 230	0.6 – 0.9
S 280	0.7 – 1.0
S 330	0.9 – 1.2

Description	Average grain size (mm)
S 390	1.0 – 1.4
S 460	1.2 – 1.7
S 550	1.4 – 2.0
S 660	1.7 – 2.4
S 780	2.0 – 2.4
S 930	2.0 – 2.8

> Steel shot is used in blasting for both cleaning and surface improvement. Thanks to its long service life, low dust generation and high impact power, it is widely used in industrial surface treatment.

METALLIC ABRASIVES

Steelshot Round LC - GS - R

Low-carbon steel shot whose toughness ensures a long service life.



Steelshot Round LC is produced by a melting process and subsequently reshaped into spherical grain particles. The low carbon content ensures great toughness, which is crucial for a long service life.

HARDNESS	SPECIFIC GRAVITY
35 – 45 HRC	**~7.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Spherical	**SAE J444**

Technical data

Product code	LC - GS - R
Hardness of the new grain	35 – 45 HRC (340 – 460 HV)
Hardness in operating mixture	40 – 50 HRC (390 – 530 HV)
Grain shape	spherical
Melting point	approx. 1535 °C
Density	approx. 7.8 g/cm³
Bulk density (depending on granular size)	approx. 4.0 – 4.6 g/cm³
Microstructure	bainitic
Typical Chemical Analysis	C 0.10 – 0.20 % · Mn 1.00 – 1.50 % · Si 0.10 – 0.25 % · S max. 0.035 % · P max. 0.035 % · Fe Remainder
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Airless blast-cleaning equipment

Applications

- Descaling, sand removal
- Paint-stripping
- Surface finishing

Key features

- Reusable abrasive

Available sizes

SAE J444	Average grain size (mm)
S 070	0.2 – 0.4
S 110	0.3 – 0.5
S 170	0.4 – 0.7
S 230	0.6 – 0.9
S 280	0.7 – 1.0
S 330	0.9 – 1.2

SAE J444	Average grain size (mm)
S 390	1.0 – 1.4
S 460	1.2 – 1.7
S 550	1.4 – 1.7
S 660	1.7 – 2.2
S 780	2.0 – 2.4
S 930	2.0 – 2.8

> Ask our sales team about grain sizes that are not listed.

METALLIC ABRASIVES

Steelgrit Angular - GS - K

Angular structure, aggressive cleaning and a profile for coating.



Steelgrit angular is produced by crushing steelshot. Suitable for use in various applications as three grades of hardness are produced by different heat treatments. The GH hardness remains angular in the operating mixture (suitable for cleaning, roughening and surface finishing), the GL has the edges rounded off in the operating mixture (suitable for descaling and surface roughening prior to coating) and the GP grains become spherical (suitable for descaling work). Steel grit is a metallic abrasive used for aggressive surface cleaning and roughening thanks to its angular structure and high hardness. It is an effective solution especially for stripping coatings such as paint, epoxy and rubber and for preparing surfaces for coating. The grit form is sharper and more abrasive than steel shot.

HARDNESS	SPECIFIC GRAVITY
40 – 53 HRC / 54 – 60 HRC / >61 HRC	**~7.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**Designation no.**

Technical data

Product code	GS - K
Hardness GP	40 – 53 HRC (390 – 550 HV)
Hardness GL	54 – 60 HRC (570 – 720 HV)
Hardness GH	>61 HRC (>740 HV)
Grain shape	angular
Melting point	approx. 1535 °C
Specific gravity	approx. 7.8 g/cm³
Bulk density (depending on granular size)	approx. 4.0 – 4.6 g/cm³
Microstructure	martensitic
Typical Chemical Analysis	C 0.80 – 1.20 % · Si 0.40 – 1.50 % · Mn 0.35 – 1.20 % · S max. 0.05 % · P max. 0.05 % · Fe Remainder
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems (GH), Airless blast-cleaning equipment (GL, GP)

Applications

- Rust removal
- Paint-stripping
- Roughening
- Stripping of rust, paint, epoxy and rubber coatings
- Surface roughening and pre-coating preparation
- External surface cleaning of ships, bridges and industrial structures
- Deburring and surface finishing of cast parts
- Aggressive cleaning of concrete and stone surfaces

Key features

- High abrasive power thanks to its angular structure
- Long cycle life and reusability
- Creates a profile that increases coating adhesion
- Compatible with turbine and pressure blasting systems
- Application-specific choice with different hardness grades

Available sizes

Description	Average grain size (mm)
G 12	1.7 – 2.4
G 14	1.4 – 2.0
G 16	1.0 – 1.7
G 18	0.7 – 1.4
G 25	0.4 – 1.2

Description	Average grain size (mm)
G 40	0.3 – 1.0
G 50	0.2 – 0.7
G 80	0.1 – 0.4
G 120	0.1 – 0.3

> Steel grit stands out in blasting for its high abrasive power and surface preparation capability. Thanks to its angular shape, it creates a pronounced surface profile before coating. With its wide choice of grain sizes and hardness grades, it can be used in many sectors.

METALLIC ABRASIVES

Cylindrical Cut Wire Shot

Cylindrical grains cut from steel wire for long-lasting cleaning.



Cylindrical cut wire shot is cut from steel wire. The respective length of the grain is equivalent to the diameter. Depending on the quality of the raw materials used, various strength classes are attained. Anadolu Kumlama Cylindrical Cut Wire Shot is a metallic abrasive made by cutting steel wire to length. Its sharp-edged cylindrical grains round off during use, and its homogeneous structure gives a long service life. It is preferred especially in turbine systems.

HARDNESS	SPECIFIC GRAVITY
± 450 HV	**~7.4 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Cylindrical	**Wire diameter (mm)**

Technical data

Product code	STD
Hardness (norm)	+/- 450 HV (44HRC)
Grain shape	cylindrical
Melting point	approx. 1535 °C
Density	approx. 7.4 g/cm³
Bulk density (depending on granular size)	approx. 3.9 – 4.9 g/cm³
Typical Chemical Analysis	C 0.45 – 0.60 % · Mn 0.40 – 0.70 % · Si 0.05 – 0.22 % · P max. 0.05 % · S max. 0.05 % · Fe Remainder
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Airless blast-cleaning equipment, Pressure tank blast systems

Applications

- Sand removal
- Descaling
- Cast cleaning
- Cleaning of cast and forged parts
- Deburring and surface cleaning
- Turbine blasting systems
- Surface preparation before coating

Key features

- Homogeneous structure and long service life
- Low dust generation
- Grains round off naturally in use
- Carbon and stainless options

Available sizes

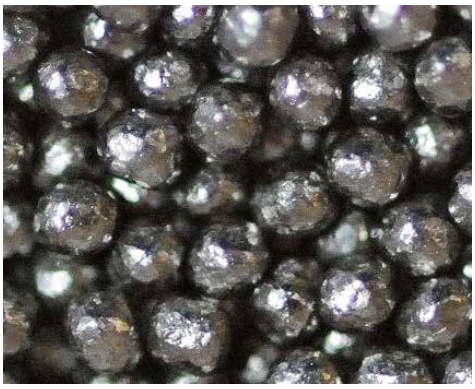
Diameter (mm)	Diameter (mm)	Diameter (mm)
0.4	1.0	1.8
0.6	1.2	2.0
0.8	1.5	2.2
0.9	1.6	

> Cylindrical Cut Wire Shot is an economical metallic abrasive thanks to its durability and low consumption in intensive use. Values are typical industry figures; contact our sales team for the product data sheet and current grain options.

METALLIC ABRASIVES

Conditioned Cut Wire Shot

Rounded-edge grains for consistent surface hardening.



Conditioned cut wire shot is cut from steel wire. The respective length of the grain is equivalent to the diameter. Depending on the quality of the raw materials used, various strength classes are attained. By rounding the cylinder edges a conditioned grain is created, classified in the grain shapes G1 (rounded edges), G2 (almost spherical grain) and G3 (spherical grain). Anadolu Kumlama Conditioned Cut Wire Shot is a metallic abrasive made by rounding the edges of cut steel wire. Its regular grain structure ensures consistent impact. It is therefore used especially for surface hardening of springs, gears and similar loaded parts.

HARDNESS	SPECIFIC GRAVITY
± 640 HV	**~7.4 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Rounded	**Wire diameter (mm)**

Technical data

Hardness (norm)	+/- 640 HV (56HRC)
Grain shape	rounded
Melting point	approx. 1535 °C
Density	approx. 7.4 g/cm³
Bulk density (depending on granular size)	approx. 4.4 – 4.8 g/cm³
Typical Chemical Analysis	C 0.73 – 0.78 % · Mn 0.50 – 0.80 % · Si 0.10 – 0.30 % · P max. 0.035 % · S max. 0.035 % · Fe Remainder
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Airless blast-cleaning equipment

Applications

- Shot-Peening
- Surface hardening of springs and gears (shot peening)
- Improving the fatigue strength of loaded parts
- Precision cleaning
- Turbine and pressure systems

Key features

- Regular grain structure and consistent impact
- Controlled process, as there are no sharp edges
- Long service life
- High-hardness options

Available sizes

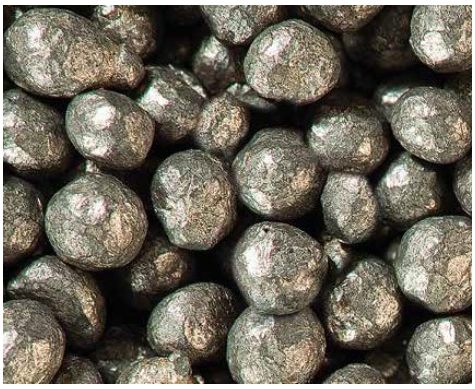
Diameter (mm)	Diameter (mm)	Diameter (mm)
0.35	**0.6**	**0.9**
0.4	**0.7**	**1.0**
0.5	**0.8**	**1.2**

> Conditioned Cut Wire Shot is a strong option for surface hardening where repeatable results are required. Values are typical industry figures; contact our sales team for the product data sheet and current grain options.

METALLIC ABRASIVES

Stainless Steel Shot - CrNi

A round-grained stainless metallic abrasive.



Stainless Steel Shot - CrNi is produced by means of a melting process and subsequently reshaped into spherical grain particles. Its austenitic microstructure contributes to its long service life. It is used where ferritic residue (rust film, coloration) needs to be avoided.

HARDNESS	SPECIFIC GRAVITY
± 20 HRC	**~7.9 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Spherical	**Designation no.**

Technical data

Product code	CrNi
Hardness of the new grain	+/- 20 HRC (235HV)
Hardness in operating mixture	+/- 45 HRC (460HV)
Grain shape	spherical
Melting point	approx. 1450 – 1500 °C
Density	approx. 7.9 g/cm³
Bulk density (depending on granular size)	approx. 3.8 – 4.6 g/cm³
Microstructure	austenitic
Typical Chemical Analysis	Cr 16.00 – 20.00 % · Ni 7.00 – 9.00 % · Si 1.80 – 2.20 % · Mn 0.70 – 1.20 % · C 0.05 – 0.20 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Airless blast-cleaning equipment

Applications

- Sand removal
- Descaling
- Micro and structural blasting

Key features

- Reusable abrasive

Available sizes

Description	Average grain size (mm)
ALPHA 010	0.0 – 0.2
ALPHA 020	0.1 – 0.3
ALPHA 030	0.2 – 0.4
ALPHA 040	0.4 – 0.9
ALPHA 050	0.6 – 1.0

Description	Average grain size (mm)
ALPHA 060	0.7 – 1.2
ALPHA 090	0.9 – 1.4
ALPHA 100	1.0 – 1.7
ALPHA 150	1.2 – 2.4
ALPHA 200	1.7 – 3.4

> Ask our sales team about grain sizes that are not listed.

METALLIC ABRASIVES

Stainless Steel Grit - Cr - Grit

Processing delicate metals without creating a corrosion risk.



Stainless Steel Grit - Cr-Grit is produced by means of melting and subsequently crushed into angular particles. The service life is significantly longer compared with iron-free and mineral blasting media. This makes economical processing of materials such as stainless steel, aluminium, galvanised steel, concrete and natural stone possible. Stainless steel grit is an angular, high-hardness, corrosion-resistant metallic abrasive. It is preferred especially for the surface cleaning and roughening of delicate metals such as stainless steel, aluminium, zamak and brass. Because it contains no iron, it creates no risk of oxidation on the surface and preserves its aesthetic appearance.

HARDNESS	SPECIFIC GRAVITY
± 59 HRC	**~7.9 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**Designation no.**

Technical data

Product code	Cr-Grit
Hardness	+/- 59 HRC (710HV)
Grain shape	angular
Melting point	approx. 1450 – 1500 °C
Density	approx. 7.9 g/cm³
Bulk density (depending on granular size)	approx. 4.0 – 4.2 g/cm³
Typical Chemical Analysis	Cr 27.00 – 30.00 % · C 1.95 – 2.20 % · Si 1.80 – 2.20 % · Mn 0.70 – 1.20 % · Ni 0.00 – 0.50 %
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Airless blast-cleaning equipment

Applications

- Blast-cleaning
- Sweeping
- Micro and structural blasting
- Surface cleaning of stainless parts and machinery
- Blasting of non-ferrous metals such as aluminium, zamak and brass
- Surface preparation before coating, painting and metallising
- Decorative processing of marble and stone surfaces
- Roughening before rubber and polyurethane coating
- Cleaning of stainless equipment in shipyards

Key features

- Creates no corrosion risk and leaves no metal residue on the surface
- Low dust generation
- Offers high abrasive power thanks to its angular structure
- Compatible with pressure and vacuum blasting systems
- Long-lasting and reusable

Available sizes

Description	Average grain size (mm)
DELTA 010	1.7 – 2.4
DELTA 012	1.4 – 2.0
DELTA 014	1.2 – 1.7
DELTA 016	1.0 – 1.4
DELTA 018	0.7 – 1.2

Description	Average grain size (mm)
DELTA 025	0.4 – 1.0
DELTA 040	0.3 – 0.9
DELTA 050	0.2 – 0.6
DELTA 080	0.1 – 0.3
DELTA 120	0.0 – 0.2

> Stainless steel grit is used in blasting work where both surface cleaning and appearance matter. Thanks to its corrosion-resistant structure, high abrasive power and low dust generation, it is widely used in surface treatment. It is used especially on surfaces such as stainless steel and aluminium where iron contamination is not wanted.

METALLIC ABRASIVES

Chilled cast iron angular

Very hard, angular grit made from chilled cast iron.



Chilled cast iron angular is particularly suitable for processing metallic surfaces in pressure blasting machines. Due to its hardness and high carbon content, chilled cast iron repeatedly breaks into sharp-edged particles, which leads to a very high abrasive performance with short blasting times.

HARDNESS	SPECIFIC GRAVITY
640 – 900 HV	**ca. 7 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Angular	**Designation no.**

Technical data

Hardness of the new grain	640 – 900 HV (57 – 67 HRC)
Grain shape	angular
Melting point	ca. 1.535 °C
Specific gravity	ca. 7 g/cm³
Bulk density (depending on grain size)	ca. 3.0 – 4.6 g/cm³
Microstructure	martensitic
Typical Chemical Analysis	C 2.70 – 3.40 % · Si 0.80 – 2.00 % · Mn 0.25 – 1.00 % · P 0.10 – 1.50 % · S 0.06 – 0.25 % · Fe Remainder
Specifications	EN ISO 11124-2; DIN 8201-3; BS 2451
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Wheel blast machines (wear protection recommended)

Applications

- Paint stripping
- Preparation for surface coating
- Rough blasting
- Rust removal

Available sizes

Designation	Average grain size (mm)
G 02	0.1 – 0.2
G 05	0.1 – 0.3
G 07	0.2 – 0.4
G 12	0.3 – 0.6
G 17	0.4 – 0.8
G 24	0.6 – 1.0

Designation	Average grain size (mm)
G 34	0.8 – 1.2
G 39	1.0 – 1.4
G 47	1.2 – 1.7
G 55	1.4 – 2.0
G 66	1.7 – 2.4
G 80	2.0 – 2.8

> Other grain sizes can be produced if required.

METALLIC ABRASIVES

Chilled iron shot

Spherical chilled cast iron shot for blasting and heavy concrete.



Chilled iron shot is a spherical metallic material made from chilled cast iron. Besides blasting, it is used in heavy concrete, pyrotechnics and radiation protection.

HARDNESS	SPECIFIC GRAVITY
640 – 900 HV	**ca. 7 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Spherical	**Designation no.**

Technical data

Hardness of the new grain	640 – 900 HV (57 – 67 HRC)
Grain shape	spherical
Melting point	ca. 1.535 °C
Specific gravity	ca. 7 g/cm³
Bulk density (depending on grain size)	ca. 3.0 – 4.6 g/cm³
Microstructure	martensitic
Typical Chemical Analysis	C 2.70 – 3.40 % · Si 0.80 – 2.00 % · Mn 0.25 – 1.00 % · P 0.10 – 1.50 % · S 0.06 – 0.25 % · Fe Remainder
Specifications	DIN 8201; BS 2451
Packaging	25 kg sacks on pallet up to 1 t; 1 ton loose in a big bag
Blasting Systems	Pressure blast system, Wheel blasting system

Applications

- Heavy concrete
- Pyrotechnics
- Radiation protection
- Weighting material

Key features

- Reusable abrasive

Available sizes

Designation	Average grain size (mm)
R 34	0.8 – 1.25
R 39	1.00 – 1.40
R 47	1.20 – 1.70
R 55	1.40 – 2.00
R 66	1.70 – 2.40
R 80	2.00 – 2.80
R 95	2.40 – 3.35
R 111	2.80 – 4.00

Designation	Average grain size (mm)
R 132	3.35 – 4.75
W 1	0.00 – 8.00
W 2	4.00 – 8.00
W 3	4.50 – 6.00
W 4	5.00 – 8.00
R 0.5	0.5 – 0.80
R 0.8	0.80 – 1.25
R 1.0	1.00 – 1.40

Designation	Average grain size (mm)
R 1.4	1.40 – 2.00
R 1.8	1.80 – 2.60
R 2.2	2.2 – 3.00
R 2.8	2.8 – 3.40
R 3.2	3.20 – 4.30
R 3.6	3.60 – 5.30
R 5.0	5.00 – 7.80
R 6.0	6.00 – 9.80

> Other grain sizes can be produced if required.

METALLIC ABRASIVES

Cast stainless steel round Cr shot

Round Cr stainless steel shot produced by casting.



Cast stainless steel round Cr shot is an attractively priced alternative to cast stainless steel round CrNi for the machining of aluminium castings and other non-ferrous materials. In the operating mixture, this chromium blasting agent reaches a high hardness, which allows fast working.

HARDNESS	SPECIFIC GRAVITY
± 40 HRC	**ca. 7 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Irregular	**Designation no.**

Technical data

Product code	Cr
Hardness of the new grain	+/- 40 HRC (390 HV)
Hardness in operating mixture	+/- 50 HRC (530 HV)
Grain shape	irregular
Melting point	ca. 1.450 – 1.500 °C
Specific gravity	ca. 7 g/cm³
Bulk density (depending on grain size)	ca. 3.8 – 4.6 g/cm³
Microstructure	martensitic
Typical Chemical Analysis	Cr 12.00 – 20.00 % · Si max. 4.00 % · Mn max. 2.00 % · Ni max. 0.95 % · C max. 0.30 %
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Wheel blast machines

Applications

- Deburring
- Descaling
- Micro blasting
- Sand removal
- Structural blasting
- Surface finish
- Sweep blasting of zinc-plated parts

Key features

- Reusable abrasive

Available sizes

Designation	Average grain size (mm)
BETA 010	0.0 – 0.2
BETA 020	0.1 – 0.3
BETA 030	0.2 – 0.5
BETA 040	0.4 – 0.8
BETA 050	0.6 – 1.0

Designation	Average grain size (mm)
BETA 060	0.7 – 1.2
BETA 100	1.0 – 1.4
BETA 150	1.2 – 1.7
BETA 200	1.4 – 2.0
BETA 300	1.7 – 3.2

> Other grain sizes can be produced if required.

METALLIC ABRASIVES

Aluminium shot

Round aluminium shot for gentle blasting of aluminium, magnesium and zinc castings.



Aluminium round is particularly suitable for gentle blasting of aluminium castings, magnesium castings and zinc die castings.

HARDNESS	SPECIFIC GRAVITY
90 – 120 HV	**ca. 2.5 – 2.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Rounded	**mm**

Technical data

Hardness	90 – 120 HV
Grain shape	rounded
Melting point	ca. 660 °C
Specific gravity	ca. 2.5 – 2.8 g/cm³
Bulk density (depending on grain size)	ca. 0.9 – 1.5 g/cm³
Typical Chemical Analysis	Al 97 – 98 % · Mg 0.80 % · Si max. 1.00 % · Fe max. 0.40 % · Mn max. 0.30 % · C max. 0.10 %
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Wheel blast machines

Applications

- Cleaning
- Deburring
- Soft blasting

Key features

- Reusable abrasive

Available sizes

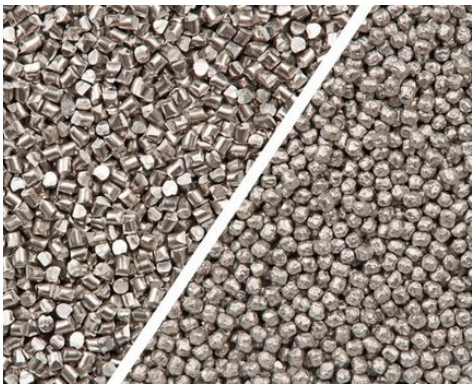
Average grain size (mm)
0.4 – 0.8
0.8 – 1.2
1.2 – 1.80
1.8 – 2.5

> Other grain sizes can be produced if required.

METALLIC ABRASIVES

Aluminium Cut Wire

Electrochemically inert, homogeneous aluminium cut wire that protects equipment.



In producing our aluminium cut wire to be inert, we already meet the increasing demands of the aluminium casting and forging industries. Further advantages of this homogenous cut wire are the protection of the blasting equipment, economic efficiency and compliance with low roughness requirements. Deburring of magnesium castings is also possible with this material.

HARDNESS **approx. 100 – 150 HV0.1**	SPECIFIC GRAVITY **~2.7 g/cm³**
GRAIN SHAPE **Cylindrical/rounded**	SIZE SYSTEM **Wire diameter (mm)**

Technical data

Hardness	approx. 100 – 150 HV0.1
Grain shape	cylindrical/rounded
Melting point	ca. 630 °C
Specific gravity	approx. 2.7 g/cm³
Bulk density (depending on grain size)	approx. 1.7 g/cm³
Typical Chemical Analysis	Si – EN AW-5056 0.30 – 0.60 % · Fe – EN AW-5056 0.10 – 0.70 % · Cu – EN AW-5056 max. 0.10 % · Mn – EN AW-5056 0.10 – 0.60 % · Mg – EN AW-5056 3.00 – 7.00 % · Cr – EN AW-5056 max. 0.30 % · Zn – EN AW-5056 max. 0.30 % · Ti – EN AW-5056 max. 0.30 % · Others – EN AW-5056 0.15 % · Al – EN AW-5056 rest · Si – EN AW-6060 nach DIN 573 – 3 0.30 – 0.60 % · Fe – EN AW-6060 nach DIN 573 – 3 0.10 – 0.30 % · Cu – EN AW-6060 nach DIN 573 – 3 0.10 % · Mn – EN AW-6060 nach DIN 573 – 3 0.10 % · Mg – EN AW-6060 nach DIN 573 – 3 0.35 – 0.60 % · Cr – EN AW-6060 nach DIN 573 – 3 0.05 % · Zn – EN AW-6060 nach DIN 573 – 3 0.15 % · Ti – EN AW-6060 nach DIN 573 – 3 0.10 % · Others – EN AW-6060 nach DIN 573 – 3 0.10 % · Al – EN AW-6060 nach DIN 573 – 3 rest
Packaging	10 kg sacks on pallet up to 500 kg; 500 kg / 1 t loose in a big bag
Blasting Systems	Pressure blast systems, Wheel blasting systems, Injector blast cabinets

Applications

- Blast cleaning
- Deburring
- Surface finish

Key features

- Reusable abrasive

Available sizes

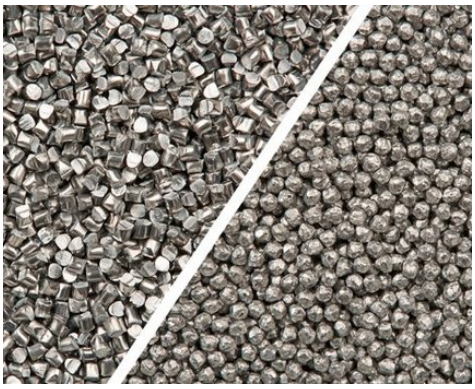
Diameter (mm)	Diameter (mm)	Diameter (mm)
0.6	**1.0**	**1.6**
0.8	**1.2**	

> Other grain sizes can be produced on request.

METALLIC ABRASIVES

Zinc Cut Wire

Zinc cut wire with high specific gravity and homogeneous structure for effective deburring.



Our zinc cut wire is characterised by its high specific weight and its homogenous microstructure. Deburring performance is superior to that effected when using aluminium abrasives. Due to its low hardness it can achieve maximum system protection.

HARDNESS **ca. 55 HV0.1**	SPECIFIC GRAVITY **~6.7 – 7.5 g/cm³**
GRAIN SHAPE **Cylindrical/rounded**	SIZE SYSTEM **Wire diameter (mm)**

Technical data

Hardness Zn98Al2	ca. 55 HV0.1
Hardness Zn unalloyed	approx. 30 – 45 HV0.1
Grain shape	cylindrical/rounded
Melting point	ca. 420 °C
Specific gravity	approx. 6.7 – 7.5 g/cm³
Bulk density (depending on grain size)	approx. 4.0 g/cm³
Typical Chemical Analysis	Al – $Zn_{98}Al_2$ 1.50 – 2.50 % · Zn – $Zn_{98}Al_2$ approx. 98.00 % · Al – Zn (ISO 14919) – · Zn – Zn (ISO 14919) 99.99 %
Packaging	25 kg sacks on pallet up to 1 t; 1 t loose in a big bag
Blasting Systems	Pressure blast systems, Wheel blasting systems

Applications

- Deburring
- Surface finish

Available sizes

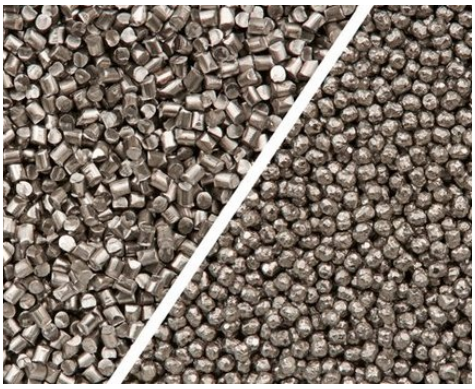
Diameter (mm)	Diameter (mm)	Diameter (mm)
0.6	**1.0**	**1.6**
0.7	**1.1**	**1.8**
0.8	**1.2**	
0.9	**1.4**	

> Other grain sizes can be produced on request.

METALLIC ABRASIVES

Stainless Steel Cut Wire CrNi

Long-life abrasive cut from CrNi stainless steel wire.



Our stainless steel cut wire with chrome and nickel is not only used for shot peening but also in granite stone processing. This product is valued for its longevity and its corrosion protection properties.

HARDNESS	SPECIFIC GRAVITY
Depending on grain shape and grain diameter	**~6.5 – 7.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Cylindrical/rounded	**Wire diameter (mm)**

Technical data

Product code	CrNi
Hardness	Depending on grain shape and grain diameter (approx. 400 – 670 HV)
Grain shape	cylindrical/rounded
Melting point	ca. 1.450 – 1.500 °C
Specific gravity	approx. 6.5 – 7.8 g/cm³
Bulk density (depending on grain size)	approx. 3.8 – 4.8 g/cm³
Typical Chemical Analysis	Cr 11.50 – 20.0 % · Mn max. 7.50 % · Si max. 1.00 % · C max. 0.15 % · P max. 0.06 % · S max. 0.030 % · Ni max. 10.0 % · Fe rest
Specifications	DIN 8201-4; SAE AMS 2431/4; SAE J441
Packaging	25 kg sacks on pallet up to 1 t; 1 t loose in a big bag
Blasting Systems	Pressure blast systems, Wheel blasting systems

Applications

- Blast cleaning
- Concrete and natural stone cleaning
- Deburring
- Descaling
- Fettling
- Sand removal
- Surface preparation

Key features

- Reusable abrasive

Available sizes

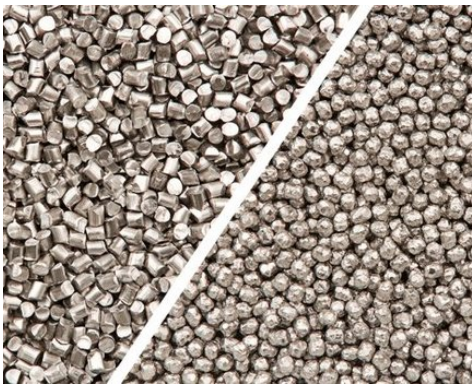
Diameter (mm)	Diameter (mm)	Diameter (mm)
0.3	**0.7**	**1.2**
0.4	**0.8**	**1.4**
0.5	**0.9**	**1.6**
0.6	**1.0**	

> Other grain sizes can be produced on request.

METALLIC ABRASIVES

Stainless Steel Cut Wire Cr

Long-life chromium stainless cut wire with reduced dust generation.



A low hardness, long lasting product, our stainless steel cut wire with chrome impresses with its reduced dust formation during the blasting process. It is used as an alternative to high nickel abrasives and is also preferred in the concrete block industry.

HARDNESS	SPECIFIC GRAVITY
approx. 300 HV ± 10 %	**~6.5 – 7.8 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Cylindrical/rounded	**Wire diameter (mm)**

Technical data

Product code	Cr
Hardness	approx. 300 HV +/- 10 %
Grain shape	cylindrical/rounded
Melting point	ca. 1.450 – 1.500 °C
Specific gravity	approx. 6.5 – 7.8 g/cm³
Bulk density (depending on grain size)	approx. 3.8 – 4.8 g/cm³
Typical Chemical Analysis	Cr 11.50 – 18.0 % · Mn max. 1.50 % · Si max. 1.00 % · C max. 0.15 % · P max. 0.04 % · S max. 0.015 % · Ni max. 0.6 % · Fe rest
Packaging	25 kg sacks on pallet up to 1 t; 1 t loose in a big bag
Blasting Systems	Pressure blast systems, Wheel blasting systems

Applications

- Blast cleaning
- Concrete and natural stone cleaning
- Deburring
- Descaling
- Fettling
- Rust removal
- Sand removal
- Surface finish

Key features

- Reusable abrasive

Available sizes

Diameter (mm)	Diameter (mm)	Diameter (mm)
0.4	**0.8**	**1.2**
0.6	**1.0**	**1.6**

> Other grain sizes can be produced on request.

BLASTING ABRASIVES

Plastic abrasives

2 products

Plastic Granules

PA abrasive

PLASTIC ABRASIVES

Plastic Granules

Paint and coating removal with low impact on the surface beneath.



Plastic granules are produced from various resins in a polycondensation process, subsequently chopped up into smaller pieces and classified according to different grain sizes. Anadolu Kumlama Plastic Granules are a low-hardness abrasive. They strip paint and coatings with minimal effect on the metal or composite surface beneath. They are therefore preferred for paint stripping on delicate surfaces and for mould cleaning.

HARDNESS **approx. 3.5 – 4.0 Mohs**	SPECIFIC GRAVITY **~1.5 g/cm³**
GRAIN SHAPE **Angular**	SIZE SYSTEM **Mesh**

Technical data

Hardness	approx. 3.5 – 4.0 mohs
Grain shape	angular
Ignition temperature	< 500 °C
Specific gravity	approx. 1.5 g/cm³
Bulk density (depending on granular size)	approx. 0.8 – 0.9 g/cm³
Packaging	25 kg bags on pallet up to 1 ton; 1 ton loose in big bag
Blasting Systems	Pressure blast systems, Injection blast cabinets, Airless blast-cleaning equipment

Applications

- Deburring
- Paint-stripping
- Micro-blasting
- Paint stripping on aerospace and composite parts
- Paint stripping on automotive parts
- Mould cleaning
- Deburring and precision cleaning

Key features

- Low effect on the surface beneath
- Preserves part dimensions
- Reusable in suitable systems
- Compatible with delicate materials

Available sizes

MESH	Average grain size (mm)
12/16	1.20 – 1.70
16/20	0.80 – 1.20
20/30	0.60 – 0.80
20/40	0.40 – 0.80
30/40	0.40 – 0.60
40/60	0.25 – 0.40
60/80	0.18 – 0.25

MESH	Average grain size (mm)
Metric	0.10 – 0.20
Metric	0.15 – 0.25
Metric	0.25 – 0.50
Metric	0.50 – 0.80
Metric	0.80 – 1.20
Metric	1.20 – 1.80

> Plastic Granules are a gentle solution for stripping coatings from surfaces that hard abrasives could damage. Values are typical industry figures; contact our sales team for the product data sheet and current grain options.

PLASTIC ABRASIVES

PA abrasive

Polyamide granules for deburring thermoset, rubber and silicone parts.



Polyamide is used mainly as an abrasive for deburring parts made of thermoset. As polyamide is comparatively soft, its effect on plastic surfaces is low; suitability should be confirmed by a trial.

HARDNESS	SPECIFIC GRAVITY
2 – 3 Mohs	**ca. 1.08 – 1.60 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Cylindrical/ cubical	**mm**

Technical data

Product code	PA
Hardness	2 – 3 mohs
Grain shape	cylindrical/ cubical
Melting point	ca. 215 – 225 °C
Specific gravity	ca. 1.08 – 1.60 g/cm³
Bulk density (depending on grain size)	ca. 0.7 g/cm³
Typical Chemical Analysis	Plastics from Polyamide 6, additives < 1 %
Packaging	25 kg bags on 1t pallets
Blasting Systems	Pressure blast machines, Vacuum blast machines, Wheel blast machines

Applications

- Rubber deburring
- Silicone deburring
- Thermoset deburring

Available sizes

Size in mm (diameter x length)	Size in mm (diameter x length)	Size in mm (diameter x length)
0.50 x 0.50	**1.50 x 1.50**	**1.00 x 1.00**
0.75 x 0.75	**2.00 x 2.00**	**1.20 x 1.20**
1.00 x 1.00	**0.50 x 0.50**	**1.50 x 1.50**
1.00 x 1.50	**0.60 x 0.60**	
1.50 x 1.00	**0.75 x 0.75**	

Colour: red, nature

BLASTING ABRASIVES

Organic abrasives

3 products

- Nutshell granules
- Corn cob grit
- Soda

ORGANIC ABRASIVES

Nutshell granules

Soft, organic and renewable abrasive for surface work with low impact on the base material.



Nutshell granules are an extremely soft, organic reusable blasting agent made from broken, cleaned and sieved walnut shells. Due to their low hardness, the nutshell granules are used mainly for surface applications where loss of substance in the base material is not wanted. Nutshell granules are made from walnut shells, a renewable raw material.

HARDNESS **ca. 2.5 – 3.5 Mohs**	SPECIFIC GRAVITY **ca. 1.0 – 1.2 g/cm³**
GRAIN SHAPE **Angular**	SIZE SYSTEM **Designation no.**

Technical data

Hardness	ca. 2.5 – 3.5 mohs
Grain shape	angular
Ignition temperature	ca. 170 °C
Specific gravity	ca. 1.0 – 1.2 g/cm³
Bulk density (depending on grain size)	ca. 0.45 – 0.8 g/cm³
Packaging	25 kg bags on 1t pallets; 1 ton loose in a big bag
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Additive for oil binders
- Dry abrasive

Available sizes

Designation	Average grain size (mm)
2/12	0.10 – 0.20
6/12	0.20 – 0.45
4/6	0.45 – 0.80
3/6	0.45 – 1.00
16/5	0.80 – 1.30
15/10	1.00 – 1.50

Designation	Average grain size (mm)
12/3	1.00 – 1.70
12/3E	1.30 – 1.70
CAG 16/10	1.70 – 2.40
8/10	2.40 – 4.00
1/27	4.00 – 6.00

> Other grain sizes can be produced if required.

ORGANIC ABRASIVES

Corn cob grit

Soft organic granules made from renewable raw material.



Corn cob grit is an extremely soft, organic granule made of cleaned, broken and sieved corn spindles. Just like nutshell granules, corn cob grit is made from a renewable raw material.

HARDNESS	SPECIFIC GRAVITY
ca. 4.5 Mohs	**ca. 0.9 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Irregular	**Designation no.**

Technical data

Hardness	ca. 4.5 mohs
Grain shape	irregular
Ignition temperature	ca. 170 °C
Specific gravity	ca. 0.9 g/cm³
Bulk density (depending on grain size)	ca. 0.45 – 0.8 g/cm³
Packaging	20 kg bags on pallet up to 540 kg and 780 kg
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Additive for oil binders
- Dry abrasive

Available sizes

Designation	Average grain size (µm)
GM 100	0 – 250
GM 40	180 – 600
GM 30	250 – 710
GM 20	560 – 1000

Designation	Average grain size (µm)
GM 16	1000 – 1500
GM 12	1500 – 2000
GM 8	2000 – 3150
GM 6	3800 – 4500

> Other grain sizes can be produced if required.

ORGANIC ABRASIVES

Soda

Soda blasting media for gentle cleaning without abrading the substrate.



Soda is suitable for gentle cleaning as it removes very little material from the base body. Soda abrasive is used particularly for paint stripping and degreasing, in the restoration of buildings and monuments and in eliminating fire damage. Soda can be used as a dry abrasive and, mixed with a water mist, also as a wet abrasive.

HARDNESS	SPECIFIC GRAVITY
2.5 – 3 Mohs	**ca. 2.2 g/cm³**
GRAIN SHAPE	SIZE SYSTEM
Irregular	**Designation no.**

Technical data

Hardness	2.5 – 3 mohs
Grain shape	irregular
Melting point	decomposition: > 60°C / total 270 °C
Specific gravity	ca. 2.2 g/cm³
Bulk density (depending on grain size)	ca. 0.65 – 1.2 g/cm³
Typical Chemical Analysis	$NaHCO_3$ 99.6 %
Packaging	25 kg bags on pallet up to 1.250 kg
Blasting Systems	Pressure blast machines, Vacuum blast machines

Applications

- Blast cleaning
- Paint stripping
- Rust removal

Available sizes

Designation	Average grain size (mm)
00/50	0 – 0.50
27/50	0.27 – 0.50

> Other grain sizes can be produced if required.

ANADOLU KUMLAMA

Construction and quartz sands

3 products

- Quartz Sand (Silica Sand)
- Quartz Gravel (Well and Drainage Gravel)
- Construction Sand

Quartz Sand (Silica Sand)

Natural quartz sand: six screened and dried fractions between 0.1 and 5 mm.



Quartz sand (silica sand) is a natural sand consisting mostly of silicon dioxide (SiO_2). We supply quartz sand obtained from natural deposits, screened without crushing and dried with hot air at no more than 120 °C, in six fractions between 0.1 and 5 mm. The SiO_2 content of the fractions is about 90%; the chemical analysis of each fraction is given in the table below.

HARDNESS	GRAIN SHAPE
7 Mohs (quartz)	**Natural, sub-rounded**
SIZE SYSTEM	
Fraction (mm)	

Technical data

Material	Natural quartz sand; grains are screened without crushing
Drying	Dried with hot air at max. 120 °C
Colour	Yellowish beige, natural sand tone
Hardness	7 mohs (quartz)
SiO_2 content	89.6 – 91.5 % (by fraction, see table below)
Other oxides	TiO_2 0.03 – 0.09 % · CaO 0.14 – 0.30 % · MgO 0.02 – 0.07 % · Loss on ignition 0.22 – 0.32 %
Analysis	Test reports from an accredited laboratory (TS EN ISO 17025), 2023. Values refer to the tested sample and may vary from lot to lot.
Packaging	25 – 50 kg kraft bags; 1.5 t big bags; bulk truck delivery
Custom fraction	Other grain ranges can be screened on request

Applications

- Water treatment and sand filters
- Pool and spa filters
- Filler and broadcast sand for epoxy floor coatings
- Cement, mortar and ready-mixed construction chemicals
- Ceramics, glass, porcelain and refractory production
- Foundry sand
- Infill for artificial turf and sports surfaces
- Polymer and composite fillers
- Landscaping and decorative applications

Key features

- Six standard fractions from 0.1 to 5 mm, custom screening on request
- Chemical analysis from an accredited laboratory for each fraction
- Dried and ready to ship in bags or big bags
- Bag, big bag and bulk delivery options

Fractions and chemical analysis (%)

Fraction (mm)	SiO_2	Al_2O_3	Fe_2O_3	Na_2O	K_2O
0.1 – 0.5	90.02	5.50	0.381	1.29	2.07
0.5 – 1.0	90.41	5.30	0.339	1.19	2.20
0.8 – 1.5	91.52	4.67	0.204	0.87	2.25
1.5 – 2.5	89.62	5.64	0.456	1.37	2.30
2.0 – 3.0	89.56	5.76	0.453	1.42	2.27
3.0 – 5.0	90.07	5.42	0.566	1.33	2.01

> We do not recommend quartz sand as a blasting abrasive: the free crystalline silica in the dust generated during blasting carries a risk of silicosis. For blasting work, see our abrasives such as garnet, aluminium oxide or steel grit.

Construction Sand

0 – 5 mm coarse sand and fine plastering sand for concrete, mortar, plaster and fill work.



Construction sand is a natural aggregate used in building work, from concrete and mortar to infrastructure fill. We supply 0 – 5 mm coarse sand and fine-grained plastering sand for finishing coats. Delivery is available in bags, big bags or in bulk.

GRAIN SHAPE	SIZE SYSTEM
Natural	**Grain range (mm)**

Technical data

Material	Natural sand
Products	Coarse sand (0 – 5 mm); plastering sand (fine-grained finishing sand)
Packaging	25 – 50 kg bags; 1.5 t big bags; bulk truck delivery

Applications

- Concrete production
- Mortar and plaster
- Infrastructure projects (roads, railway beds, fill)
- Brick and block production
- Drainage and waterproofing applications
- Playgrounds and landscaping

Key features

- Coarse sand and fine plastering sand options
- Bag, big bag and bulk delivery options
- Supplied in the same order as quartz sand and quartz gravel

Products

Product	Grain range	Main use
Coarse sand	0 – 5 mm	Concrete, mortar, infrastructure fill
Plastering sand	Fine-grained	Finishing plaster, fine mortar

> Sand for concrete and mortar should be selected according to the project specification and the relevant standards. Please state the grain range and quantity you need in your quote request.

CONSTRUCTION AND QUARTZ SANDS

Quartz Gravel (Well and Drainage Gravel)

Natural quartz gravel with 97 – 99% SiO_2: 5 – 15 mm well gravel and 15 – 32 mm drainage gravel.



Quartz gravel is a natural, rounded gravel consisting largely of silicon dioxide (SiO_2). We supply it in two grain ranges: 5 – 15 mm well (drilling) gravel and 15 – 32 mm drainage gravel. Laboratory analyses show an SiO_2 content of 97 – 99%.

HARDNESS	GRAIN SHAPE
7 Mohs (quartz)	**Natural, rounded**
SIZE SYSTEM	
Grain range (mm)	

Technical data

Material	Natural quartz gravel
Hardness	7 mohs (quartz)
SiO_2 content	96.9 – 99.0 % (see table below)
Other oxides	TiO_2 0.024 % · CaO 0.03 – 0.07 % · MgO 0.09 % · Loss on ignition 0.18 – 0.22 %
Analysis	Test reports from an accredited laboratory (TS EN ISO 17025), 2024. Values refer to the tested sample and may vary from lot to lot.
Packaging	25 – 50 kg bags; 1.5 t big bags; bulk truck delivery

Applications

- Filter gravel for water well drilling
- Drainage systems
- Foundation and ground fill
- Road construction
- Filter beds in water treatment plants
- Concrete production
- Landscaping

Key features

- High SiO_2 content (97 – 99%)
- Two standard grain ranges for wells and drainage
- Chemical analysis from an accredited laboratory
- Bag, big bag and bulk delivery options

Grain ranges and chemical analysis (%)

Product	Grain range (mm)	SiO_2	Al_2O_3	Fe_2O_3	Na_2O	K_2O
Well gravel	5 – 15	96.91	1.50	0.345	0.45	0.38
Drainage gravel	15 – 32	99.01	0.40	0.132	0.01	0.03

> In well and filter applications the gravel size is chosen according to the well and filter design. Contact us for the right grain range for your project.

ANADOLU KUMLAMA

Blasting equipment

Contracor blasting machines, hoses, nozzles, operator protection and air preparation products, configured correctly together with your abrasive.

- Ready-to-use blasting packages
- Abrasive blasting machines (DBS)
- Metering valves and remote control
- Blast hoses, couplings and nozzle holders
- Blast nozzles
- Special nozzles (pipe interior, angled, bent, wet blasting)
- Pipe blasting tools and blast guns
- Blast helmets and operator protection
- Breathing air filters and air cooler
- Air separators and fittings
- Surface roughness comparator

Ready-to-use blasting packages

Contracor BlastPack packages combine a remote-controlled abrasive blasting machine, a Twinline remote control hose, an ExtraBlast blast hose, a...

Contracor BlastPack packages combine a remote-controlled abrasive blasting machine, a Twinline remote control hose, an ExtraBlast blast hose, a nozzle holder, a hose coupling and a venturi nozzle in a single set. The packages come with the necessary fittings, connectors and gaskets; the complete set is delivered mounted on a wooden pallet.

SafePack packages, in turn, bring together a blast helmet, a breathing air filter, a 20 m breathing air hose and a blast overall with gloves for operator protection.



Ready-to-use packages combining a blasting machine, hose, nozzle and operator protection equipment.

Package	Blasting machine	Hoses	Nozzle holder / coupling	Nozzle
BlastPack-25	DBS-25RC (25 litres)	5 m Twinline, 5 m ExtraBlast-13	NHP-0 / CQP-0	NTC-5.0 (5.0 mm x 45 mm)
BlastPack-50	DBS-50RC (50 litres)	5 m Twinline, 5 m ExtraBlast-13	NHP-0 / CQP-0	NTC-5.0 (5.0 mm x 45 mm)
BlastPack-100	DBS-100RC (100 litres)	20 m Twinline, 20 m ExtraBlast-25	NHP-1 / CQP-1	RTC-6.5 (6.5 mm x 130 mm)
BlastPack-200	DBS-200RC (200 litres)	20 m Twinline, 20 m ExtraBlast-32	NHP-2 / CQP-2	RTC-9.5 (9.5 mm x 170 mm)

Package	Blast helmet	Air preparation	Clothing and consumables
SafePack-Comfort	Comfort (durable nylon cape)	BAF breathing air filter (2 outlets), 20 m BAH breathing air hose (9 mm x 15 mm)	Size 54 (L) heavy-duty blast overall, leather gloves included
SafePack-Aspect	Aspect (durable nylon cape)	BAF breathing air filter (2 outlets), 20 m BAH breathing air hose (9 mm x 15 mm)	Size 54 (L) heavy-duty blast overall, leather gloves included; 1 pack (50 pcs) of disposable lenses

BLASTING EQUIPMENT

Abrasive blasting machines (DBS)

Contracor DBS series abrasive blasting machines (blast pots) are designed for blasting metal structures and buildings, bridges, tanks, pipelines and...

Contracor DBS series abrasive blasting machines (blast pots) are designed for blasting metal structures and buildings, bridges, tanks, pipelines and concrete surfaces. Surfaces can be cleaned up to SA 3 grade; according to the table, performance reaches up to 37 m² per hour. The machines work with all types of dry abrasive with a grain size of up to 4 mm.

All DBS machines come as standard with a high-performance CAF water/oil separator. This separator retains up to 98% of the condensed water and oil in the compressed air coming from the compressor, preventing moisture and oil from entering the tank; this avoids work stoppages caused by damp abrasive in the tank. This precaution is especially necessary when working with older compressors, at low temperatures or at a long distance from the compressor.

On RC models, a remote control system consisting of a pneumatically operated RC main valve, a deadman handle and a Twinline hose is standard. RCS models are additionally equipped with a special SGV metering valve for steel abrasives.



Contracor DBS series abrasive blasting machine.

Model options

Model	Tank volume	Remote control	Metering valve	Standard delivery note
Contracor DBS-25RC	25 litres	Yes, 5 m Twinline hose	FSV-0	Screen, cover, CAF-0 moisture separator, CFT-0 hose couplings
Contracor DBS-50RC	50 litres	Yes, 5 m Twinline hose	FSV-0	Screen, cover, CAF-0 moisture separator, CFT-0 hose couplings
Contracor DBS-100 / DBS-200	100 / 200 litres	No	Sand valve	Screen, cover, CAF moisture separator, inspection cover, hose couplings
Contracor DBS-100RC / DBS-200RC	100 / 200 litres	Yes, 20 m Twinline hose	Sand valve	Screen, cover, CAF moisture separator, inspection cover, CFT hose couplings
Contracor DBS-100RCS / DBS-200RCS	100 / 200 litres	Yes, 20 m Twinline hose	SGV (for steel abrasives)	Screen, cover, CAF moisture separator, inspection cover, CFT hose couplings

Technical data

Feature	DBS-25RC	DBS-50RC	DBS-100 / 100RC / 100RCS	DBS-200 / 200RC / 200RCS
Max. working pressure	10 bar	10 bar	10 bar	10 bar
Tank volume	25 litres	50 litres	100 litres	200 litres
Operating temperature	–10 / +50 °C	–10 / +50 °C	–10 / +50 °C	–10 / +50 °C
Tank diameter	306 mm	415 mm	508 mm	609 mm
Tank height	960 mm	1180 mm	1226 mm	1480 mm
Weight	46 kg	73 kg	105 / 110 / 110 kg	135 / 140 / 140 kg

Compressed air requirement (m³/min)

Nozzle diameter	Abrasive blasting	Plus helmet	Plus 50% reserve	Minimum air input
6.5 mm	2.3	0.5	1.4	4.2
8.0 mm	3.9	0.5	2.2	6.6
9.5 mm	5.5	0.5	3.0	9.0
11.0 mm	7.2	0.5	3.9	11.6
12.5 mm	9.6	0.5	5.0	16.1

Average performance and abrasive consumption

The values below are given at a pressure of 8 bar.

Nozzle diameter / air	SA 2	SA 2½	SA 3
6.5 mm / 4.2 m³/min	10 m²/h, 40 kg/m²	5 m²/h, 58 kg/m²	4 m²/h, 78 kg/m²
8 mm / 6.6 m³/min	15 m²/h, 35 kg/m²	9 m²/h, 51 kg/m²	6 m²/h, 68 kg/m²
9.5 mm / 9 m³/min	21 m²/h, 32 kg/m²	14 m²/h, 46 kg/m²	9 m²/h, 62 kg/m²
11 mm / 11.6 m³/min	28 m²/h, 29 kg/m²	21 m²/h, 42 kg/m²	13 m²/h, 56 kg/m²
12.5 mm / 16.1 m³/min	37 m²/h, 28 kg/m²	28 m²/h, 40 kg/m²	17 m²/h, 54 kg/m²

Metering valves and remote control

Metering valves feed the abrasive precisely into the compressed air stream at the outlet of the blasting machine.

Metering valves feed the abrasive precisely into the compressed air stream at the outlet of the blasting machine. The 45° inclined design of the Contracor FSV metering valve ensures a uniform mixture of air and abrasive; its durable control disks provide precise adjustment of the abrasive quantity, and the service port allows clogging to be cleared. The FSV is designed for working with mineral abrasives (slag).

The Contracor SGV metering valve is intended for heavy or aggressive abrasives such as steel shot and grit or aluminium oxide. The abrasive flow does not touch the valve body; it only contacts a rubber pipe that can be quickly replaced when worn, and metering is done by constricting this rubber pipe with an adjusting screw.

The remote control system allows the blasting machine to be started and stopped by a single operator. The system consists of the RCV remote control valve and the DMH deadman handle attached to the nozzle, connected by a twin-line hose. When the handle is pressed, the tank is pressurised and blasting starts; when the handle is released, the RCV valve closes, blasting stops and the tank is depressurised. The air in the tank is exhausted through a muffler included in the delivery set.



FSV metering valve for mineral abrasives, SGV for heavy and aggressive abrasives.



RCV remote control valve, Twinline hose and DMH deadman handle.

Model	Product	Feature
Contracor FSV	Metering valve, 1 1/4"	For mineral abrasives (slag), 45° inclined body, service port
Contracor SGV	Metering valve	For heavy or aggressive abrasives; the wearing rubber pipe can be replaced as a spare part
Contracor RCV	Remote control valve, 1 1/4"	Controls air supply to the machine and exhaust at the same time
Contracor DMH	Deadman handle	Attached to the nozzle, connected to the RCV valve by a twin-line hose

Machine spare parts and rubber-lined fittings

The following parts are also available separately for DBS, DBS-RC and DBS-RCS machines:

- CAF-3 water/oil separator, 1 1/4"
- Rubber pop-up valve and rubber O-ring
- CFT blast coupling 1 1/4" and rubber gasket for CFT/CQT
- Rubber-lined 45° Y-piece, nipple and pipe (100 mm), 1 1/4"
- Rubber-lined 90° T-piece, 1 1/4" (female-female-female)

Blast hoses, couplings and nozzle holders

The inner layer of Contracor ExtraBlast blast hoses is abrasion-resistant, black, conductive natural rubber (NR).

The inner layer of Contracor ExtraBlast blast hoses is abrasion-resistant, black, conductive natural rubber (NR). Reinforcement is made of high-strength textile cords, and the cover is an abrasion- and ozone-resistant, pin-pricked, black conductive SBR/NR blend. Abrasion loss according to DIN 53516 is at most 60 mm³, with an average of 52 mm³. The operating temperature is between –30 °C and +80 °C, the safety factor is 3:1, and tolerances comply with RMA class 311-A.



ExtraBlast blast hoses are available in different inner diameters and roll lengths.

Model	Inner x outer diameter	Roll length
Contracor ExtraBlast-13	13 x 27 mm	5 m, 20 m, 40 m
Contracor ExtraBlast-19	19 x 33 mm	20 m, 40 m
Contracor ExtraBlast-25	25 x 39 mm	20 m, 40 m
Contracor ExtraBlast-32	32 x 48 mm	20 m, 40 m

The Twinline hose for remote control has a diameter of 6 mm and is supplied with fittings attached in 5 m, 20 m and 40 m rolls.

Nylon NHP nozzle holders fit Contracor nozzles with their 50 mm thread and come with a rubber gasket and screws. Blast hose quick couplings are available in nylon (CQP) or in zinc-plated, yellow-passivated malleable iron (CQT); they are compatible with the CFT hose couplings on Contracor blasting machines and are supplied with a rubber gasket, screws and a safety clip. Spare rubber gaskets are also available separately for each size.



Nylon and metal hose couplings and nylon nozzle holders.

Hose size	Nozzle holder (nylon)	Coupling (nylon)	Coupling (metal)
13 x 27 mm	NHP-0	CQP-0	CQT-0
19 x 33 mm	NHP-3/4	CQP-3/4	–
25 x 39 mm	NHP-1	CQP-1	CQT-1

Hose size	Nozzle holder (nylon)	Coupling (nylon)	Coupling (metal)
32 x 48 mm	NHP-2	CQP-2	CQT-2

Blast nozzles

Venturi bore nozzles create a wide blast pattern and increase abrasive velocity by up to 100% at the same pressure, which makes them the best choice...

Venturi bore nozzles create a wide blast pattern and increase abrasive velocity by up to 100% at the same pressure, which makes them the best choice for raising productivity on large surfaces. Long venturi nozzles deliver about 40% more productivity than straight bore nozzles, and abrasive consumption can also be reduced by about 40%. Abrasive consumption is optimised by selecting the nozzle diameter according to the available compressed air supply.



Performer and Classic series venturi blast nozzles.

Contracor Performer series

Performer is a high-performance venturi nozzle series: highly wear-resistant liners are encased in a robust, lightweight polyurethane cover. It offers options for applications ranging from aggressive fused aluminas, silicon carbides and steel grits to expendable slag-based abrasives. All Performer nozzles have a 50 mm thread for the NHP nozzle holder and a 32 mm entry size.

Series	Liner material	Service life	Cover / thread
Contracor Performer 400 PU	Tungsten carbide	Up to 400 hours	Polyurethane / polyurethane
Contracor Performer 400 ALU-PU	Tungsten carbide	Up to 400 hours	Polyurethane / aluminium
Contracor Performer 600 PU	Silicon carbide	Up to 600 hours	Polyurethane / polyurethane
Contracor Performer 600 ALU-PU	Silicon carbide	Up to 600 hours	Polyurethane / aluminium
Contracor Performer 1000 ALU-PU	Boron carbide	Up to 1000 hours	Polyurethane / aluminium

The Performer series and the Classic RTC, CTC, DVTC, UBC and DVBC nozzles are available in the same five sizes:

Nozzle diameter	Nozzle length
6.5 mm	130 mm
8.0 mm	150 mm
9.5 mm	170 mm
11.0 mm	200 mm
12.5 mm	210 mm

Contracor Classic tungsten carbide nozzles

DVTC and DVBC double venturi nozzles work like two nozzles in series with a gap and holes between them; these holes allow atmospheric air to enter the lower section of the nozzle. The exit section is also wider than on standard nozzles, which increases the size of the blast pattern and minimises the reduction in abrasive velocity. The GTC, HTC, GBC and HBC types are stick-up venturi nozzles fitted directly into the hose.

Type	Design	Diameter x length	Cover / thread	Entry
RTC	Venturi	6.5–12.5 mm x 130–210 mm	Rubber / rubber, 50 mm	32 mm

Type	Design	Diameter x length	Cover / thread	Entry
CTC	Venturi	6.5–12.5 mm x 130–210 mm	Aluminium-rubber / aluminium, 50 mm	32 mm
DVTC	Double venturi	6.5–12.5 mm x 130–210 mm	Aluminium-rubber / aluminium, 50 mm	32 mm
STC	Short venturi	5.0–12.5 mm x 80 mm	Rubber / rubber, 50 mm	25 mm
MTC	Short venturi	5.0–12.5 mm x 80 mm	Aluminium / aluminium, 50 mm	25 mm
NTC	Short venturi	3.5–8.0 mm x 45 mm	Aluminium / aluminium, ¾" (for NHP-0)	–
GTC	Stick-up venturi	5.0–8.0 mm x 100 mm	Aluminium jacket	Hose with 25 mm inner diameter
HTC	Stick-up venturi	6.5–12.5 mm x 120 mm	Aluminium jacket	Hose with 32 mm inner diameter

Classic tungsten carbide nozzles have a service life of up to 400 hours. The STC and MTC types are available in 5.0, 6.5, 8.0, 9.5, 11.0 and 12.5 mm diameters; the NTC type in 3.5, 5.0, 6.5 and 8.0 mm diameters.

Contracor Classic boron carbide nozzles

Classic nozzles with boron carbide (B4C) liners have a service life of up to 1000 hours. The venturi types have an aluminium body with a polyurethane protector; the thread is 50 mm aluminium for the NHP nozzle holder.

Type	Design	Diameter x length	Entry
SBC	Venturi	5.0 x 120 mm, 6.5 x 130 mm, 8.0 x 150 mm	25 mm
UBC	Venturi	6.5–12.5 mm x 130–210 mm	32 mm
DVBC	Double venturi	6.5–12.5 mm x 130–210 mm	32 mm
GBC	Stick-up venturi	5.0–8.0 mm x 100 mm	Hose with 25 mm inner diameter
HBC	Stick-up venturi	6.5–12.5 mm x 120 mm	Hose with 32 mm inner diameter

Special nozzles (pipe interior, angled, bent, wet blasting)

Contracor PTC-360° pipe nozzles are connected to the blasting machine in place of a standard nozzle.

Contracor PTC-360° pipe nozzles are connected to the blasting machine in place of a standard nozzle. The air-abrasive mixture is directed onto a deflection tip, which spreads the blast into a wide, circular pattern, and the inner surface is cleaned as the nozzle is moved through the pipe. They are made of tungsten carbide, fit all Contracor nozzle holders and have a service life of up to 400 hours. The deflection tips can be replaced as spare parts.

ATC angle nozzles and BTC bent nozzles are used in narrow and hard-to-reach areas such as corners, the backs of flanges and pipe interiors; they blast the abrasive at a 45° angle. Both are made of tungsten carbide, fit all Contracor nozzle holders and have a service life of up to 400 hours.



Angle and bent blast nozzles for corners and the backs of flanges.

Model	Application	Dimensions	Cover / thread
Contracor PTC-360°	Interior of pipes with 2"–5" inner diameter	8.0 mm x 75 mm	Aluminium / aluminium, 50 mm
Contracor PTC-360°L	Interior of pipes with 3/4"–2" inner diameter, 200 mm working length	5.0 mm x 200 mm	Aluminium / aluminium, 50 mm
Contracor ATC	Angle nozzle; 1, 2 or 3 holes at 45°	5.0, 6.5, 8.0 and 9.5 mm	Rubber / 50 mm coarse rubber thread
Contracor BTC	Bent nozzle, 45° angle	6.5–12.5 mm x 125 mm	Aluminium with polyurethane protector / 50 mm coarse rubber thread

Wet blasting: WBA and WBN

Contracor wet blasting equipment is designed for high-productivity cleaning of steel, stone and concrete surfaces with reduced dust. Cleaning up to SA 3 grade is possible, and productivity is up to 20% higher than with dry blasting. It works with any water-compatible abrasive with a grain size of up to 3.5 mm. The WBA is a universal wet blasting attachment that fits all Contracor nozzles; the WBN is a nozzle made specifically for wet blasting.

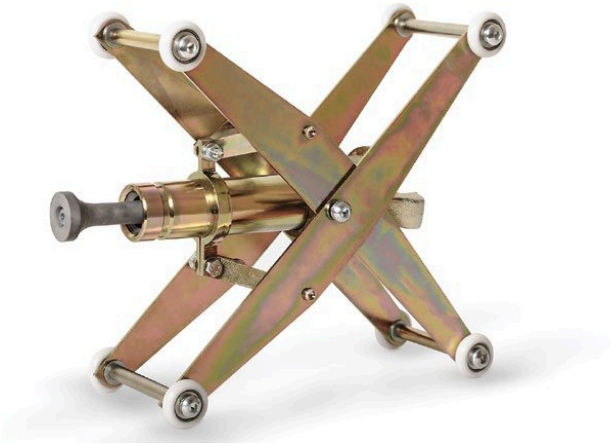
Model	Product	Size	Cover / thread
Contracor WBA	Wet blasting attachment, tungsten carbide sleeve	Fits all Contracor nozzles	Aluminium / 50 mm coarse aluminium thread
Contracor WBN	Wet blasting nozzle, tungsten carbide	6.5, 8.0 and 9.5 mm diameter, 32 mm entry	Aluminium / 50 mm coarse aluminium thread

BLASTING EQUIPMENT

Pipe blasting tools and blast guns

The Contracor PBT-1 blasts the abrasive in a continuous circular pattern using a venturi-shaped tungsten carbide nozzle and a tungsten carbide...

The Contracor PBT-1 blasts the abrasive in a continuous circular pattern using a venturi-shaped tungsten carbide nozzle and a tungsten carbide circular deflection tip. It is used in pipes with an inner diameter of 75–125 mm with centering collars and 125–300 mm with the adjustable centering carriage. The Contracor PBT-2 Rotoblast consists of a constant-speed blast head rotated by compressed air and carrying two radial nozzles, plus an adjustable centering carriage; since the feed rate is adjustable, it adapts to inner surfaces with different degrees of corrosion. Both tools work with a standard blasting machine.



Tools with centering carriage for blasting the inner surfaces of pipes.

The Contracor Educt-O-Matic is a hand-portable closed-circuit blast tool. Blasting and abrasive recovery are controlled by a single trigger: pulling the trigger slightly starts vacuuming, pulling it fully starts blasting. A rubber attachment captures the abrasive and dust; reusable abrasive returns to the conical hopper, while broken-down abrasive and dust go to the cotton dust bag. It cleans an area about 30 mm wide and gives the best results with steel or iron grit.



Closed-circuit blast tool that recovers the abrasive.

The Contracor Power Gun is a suction blast gun for small jobs and locations with a limited air supply. It works on the Bernoulli principle: the low pressure created at the point where the abrasive hose is connected draws the abrasive into the air stream. Simply dip the suction lance into the abrasive container, or even directly into the bag, and press the trigger. It is used with common blasting abrasives to clean or matt metal, glass, stone and similar durable surfaces.



Suction blast gun for small jobs.

The Contracor ABL blast light attaches to the blast hose and does not interfere with the operation of the deadman handle; the operator does not need to hold the light. Its hermetic housing is protected against dust and abrasive, and the replaceable protective glass is easily renewed by removing the rubber cover.



LED work light attached to the blast hose.

Model	Application	Technical information	Standard delivery
Contracor PBT-1	Pipe blasting, 75–300 mm (3"–12") inner diameter	12.5 mm nozzle, tungsten carbide deflection tip	Centering collar sets, centering carriage
Contracor PBT-2 Rotoblast	Pipe blasting, 304.8–914.4 mm (12"–36") inner diameter	Two radial nozzles; 6.5–9.5 mm nozzle diameter (NTC(F)-6.5, -8.0, -9.5)	Three leg sets, two NTC(F) nozzles, 10 spare leather washers
Contracor Educt-O-Matic	Closed-circuit, hand-portable blasting	2.5 m³/min air at 6 bar; approx. 30 mm cleaning width	6 attachments and dust bag
Contracor Power Gun	Portable suction blasting	Connects to a compressed air source	Suction lance, 5 m suction hose with clamps
Contracor ABL	Lighting the blasting area	Approx. 800 lumen LED, 12 V DC	1.5 m power cable

Blast helmets and operator protection

The blasting operator must be protected against rebounding abrasive and dust by a helmet with a clean air supply and a suitable overall.

The blasting operator must be protected against rebounding abrasive and dust by a helmet with a clean air supply and a suitable overall. You can find more details on this topic in our article on blasting safety.

The Contracor Comfort blast helmet is lightweight and suitable for all types of blasting work. Its design provides a constant air flow to the visor to prevent fogging; it has a pressure regulator, an air flow indicator, a durable nylon cape, a quickly adjustable 6-point nylon headgear, a replaceable cotton neck seal and a carrying handle. Ordinary glass protected by a stainless steel wire mesh is used as the disposable lens; spare lenses can be made by cutting a simple pane of glass to size.

The robust shell of the Contracor Aspect blast helmet provides operator safety and a long service life; its air deflector supplies constant air to the head and face, reducing fatigue and preventing fogging. The extended window frame protects the top of the cape from rebounding abrasive, and the 1" deep visor prevents material from getting between the lenses. A wide viewing window is important in places where movement is restricted, such as blast rooms or the inside of tanks and holds. Disposable clear acetate lenses protected by a stainless steel wire mesh can be changed in seconds and are supplied in packs of 50.



Comfort and Aspect blast helmets with clean air supply.

Model	Key features	Lens
Contracor Comfort	Pressure regulator, air flow indicator, 6-point nylon headgear, nylon cape	Glass protected by wire mesh
Contracor Aspect	Robust shell, air deflector, wide viewing window, cape attached with an adjustable ratchet buckle	Disposable acetate lens protected by wire mesh (pack of 50)

Blast overalls

The Contracor heavy-duty blast overall has durable leather panels on the arms and legs and thick, breathable cotton fabric on the back; it comes with gauntlet-style leather gloves. On the standard-duty overall, the front is protected by leather panels. The seasonal (lightweight) overall is made of nylon and cotton; it is lighter, easily machine-washable and suitable for hot weather, short jobs or personnel working intermittently in the blasting area. All overalls use both a zip and Velcro fastening for double dust protection; the heavy-duty and standard-duty overalls are double-stitched.



Blast overall with leather panels against rebounding abrasive.

Overall	Material	Gloves	Sizes
Heavy-Duty	Leather / cotton, certified to ISO 14877:2002	Gauntlet-style leather gloves included	50 (S) – 60 (XXXL)
Standard-Duty	Leather / cotton	Not included; red blasting gloves available separately	50 (S) – 60 (XXXL)
Seasonal	Nylon / cotton	Not included; gauntlet-style leather gloves available separately	50 (S) – 60 (XXXL)

Breathing air filters and air cooler

The Contracor BAF breathing air filter supplies clean air to the blast helmet.

The Contracor BAF breathing air filter supplies clean air to the blast helmet. It removes condensed water, oil and up to 98% of particles of 0.5 micron and smaller; it is equipped with a pressure regulator, pressure gauge, safety valve and drain valve, and can be adapted for two or more operators. **Important:** the BAF filter does not remove carbon monoxide (CO) or other toxic gases.

The ACF replacement cartridge should be changed after approximately 450 operating hours; the replacement frequency depends on the quality of the air supplied to the helmet. Inside the cartridge, carded cotton and felt retain large particles, activated alumina absorbs oil and moisture, and activated charcoal removes odours and moisture; in the last stage, a breathing felt acts as the final filter. Water is separated by the air vortex in the outer cylinder.

The Contracor CCT breathing air climate control tube works on the air flow separation principle and heats or cools the air going from the filter to the helmet; the outlet temperature can be up to 20 °C below or above the inlet temperature. It is used with Comfort and Aspect helmets. The BAH breathing air hose connects the helmet to the filter; its thick wall, made of non-toxic material, prevents the hose from kinking or being crushed.



BAF breathing air filter with two outlets.

Model	Product	Technical information
Contracor BAF-1	Breathing air filter	2 outlets, pressure regulator, drain and safety valve; removes up to 98% of particles of 0.5 micron and smaller
Contracor ACF	Replacement filter cartridge	Replacement approximately every 450 hours
Contracor CCT	Hot/cold air climate control tube	Up to ±20 °C relative to the inlet temperature
Contracor BAH	Breathing air hose	9 x 15 mm, with fittings, 20 m and 40 m rolls

Air separators and fittings

Contracor CS centrifugal separators remove up to 99% of liquid condensate from the compressed air line.

Contracor CS centrifugal separators remove up to 99% of liquid condensate from the compressed air line. They work with aerodynamic vortex vanes, a conical vortex profile and a cyclone trap that prevents separated water from being re-entrained into the air, and they require no maintenance. They are installed at the outlet of aftercoolers, air receivers and refrigerated dryers. A robust aluminium housing and automatic condensate drain are standard.



Centrifugal water separator for the compressed air line.

Model	Air connection	Capacity	Max. working pressure
Contracor CS-2	1" BSP	5.5 m³/min	12 bar
Contracor CS-3	1¼" BSP	9.0 m³/min	12 bar
Contracor CS-4	1½" BSP	12.5 m³/min	12 bar
Contracor CS-5	2" BSP	24.0 m³/min	12 bar

Compressed air hoses

Contracor AirFlex hoses are made for heavy-duty applications such as blasting. The working pressure is 12 bar, the burst pressure 36 bar and the operating temperature between –30 °C and +80 °C. The cover is yellow rubber on 19–25 mm sizes and textile-wrapped on 32–38 mm sizes.

Model	Inner x outer diameter	Roll length
Contracor AirFlex-19	19 x 28 mm	40 m
Contracor AirFlex-25	25 x 36 mm	40 m
Contracor AirFlex-32	32 x 48 mm	40 m
Contracor AirFlex-38	38 x 54 mm	40 m

Air couplings, clamps and safety cables

Couplings, fittings and clamps are available for connecting air hoses to the compressor, joining hoses together and ensuring tight connections. Blast hose safety cables (Whipcheck) securely hold coupled connections in the event of accidental separation, prevent the hose from whipping about and relieve the couplings of the hose weight. They consist of corrosion-resistant, high-strength steel cable, coated springs and aluminium ferrules, and can be installed on hose-to-hose and hose-to-fixed coupling connections. They are strongly recommended for vertical applications in which air and blast hoses are suspended. The cable is only passed over blast hoses and is not attached to remote control lines.



Compressed air couplings, menders and clamps.

Product	Application	Hose inner diameter
Air quick coupling	Connection to the compressor's quick coupling	3/8" (10 mm), 1/2" (13 mm), 3/4" (19 mm), 1" (25 mm)
Male threaded fitting	Fixed connection to the compressor outlet ball valve	1 1/4" (32 mm), 1 1/2" (38 mm), 2" (50 mm)
Quick connection set (nipple + wing nut fitting)	Quick connection to the compressor outlet ball valve	1 1/4" (32 mm), 1 1/2" (38 mm), 2" (50 mm)
Hose mender	Joining two hoses of the same diameter or repairing a damaged hose	1/2" (13 mm) – 2" (50 mm)
Heavy-duty double-bolt clamp	Leak-tight connection	1/2" (20–29 mm) – 2" (60–76 mm)
Hose safety cable	Against separation of coupled connections	Up to 1"; 1 1/4" – 3"

BLASTING EQUIPMENT

Surface roughness comparator

Contracor SRC comparators are precision nickel plates conforming to ISO 8503 for comparing the roughness of grit- and shot-blasted surfaces.

Contracor SRC comparators are precision nickel plates conforming to ISO 8503 for comparing the roughness of grit- and shot-blasted surfaces. Roughness is assessed by touch and visually; each plate is divided into four segments with different defined roughness values.



Surface roughness comparators for grit and shot blasting.

Model	Abrasive type	Segments
Contracor SRC-GRIT	Grit	25, 60, 100 and 150 microns
Contracor SRC-SHOT	Shot	25, 40, 70 and 100 microns

ANADOLU KUMLAMA

Painting equipment

Larius airless and air-assisted paint sprayers, protective coating pumps, transfer, extrusion, road marking and washing equipment.

- Electric airless piston pumps
- Electric airless diaphragm pumps
- Pneumatic texture sprayer
- Injection pumps and 1:1 systems
- Pneumatic airless spray pumps – protective coating
- Pneumatic air-assisted airless spray packages
- Pneumatic low pressure spray pumps
- Pneumatic piston transfer pumps
- Air-operated double diaphragm transfer pumps
- Pneumatic extrusion pumps
- Extrusion systems
- Warm melt supply systems
- Airless road marking machines
- Pneumatic airless wash pumps
- Painting accessories
- Extrusion accessories

Electric airless piston pumps

High pressure airless piston sprayers are designed to deliver the right film thickness at the first pass, a quality finish and material savings on...

High pressure airless piston sprayers are designed to deliver the right film thickness at the first pass, a quality finish and material savings on large surfaces. The range also includes the petrol engine THOR version and JOLLY, the most compact piston sprayer in its class.



Model	Max. working pressure	Max. delivery	Engine power	Weight
THOR petrol engine airless electric piston sprayer	220 bar	9 l/min	2.8 Kw	125 Kg
THOR airless electric piston sprayer	220 bar	7.5 l/min	2.8 Kw	76 Kg
DRAGON airless electric piston sprayer	220 bar	5 l/min	2.4 Kw	66 Kg
ZEUS airless electric piston sprayer	220 bar	4 l/min	2 Kw	58 Kg
JOLLY airless electric piston sprayer	220 bar	1.9 l/min	0.7 Kw	15 Kg (on frame), 16 Kg (on trolley)

Electric airless diaphragm pumps

Ready-to-use diaphragm airless packages with consistent performance for spraying needs in the construction sector; the GIOTTO model is also available...

Ready-to-use diaphragm airless packages with consistent performance for spraying needs in the construction sector; the GIOTTO model is also available with a petrol engine.



Model	Max. working pressure	Max. delivery	Engine power	Weight
GIOTTO petrol engine airless electric diaphragm sprayer	220 bar	8 l/min	2.2 Kw	110 Kg
GIOTTO airless electric diaphragm sprayer	220 bar	8 l/min	2.2 Kw	66 Kg
Dalì airless electric diaphragm sprayer	220 bar	4 l/min	1.1 Kw	38 Kg (on trolley)
MIRÓ airless electric diaphragm sprayer	220 bar	2.2 l/min	0.75 Kw	20 Kg (on frame), 23 Kg (on trolley)

Pneumatic texture sprayer

MINIPEGASO is designed for professionals applying solvent-free products with a grain size of up to 3 mm; the Turbo Gun spray gun ensures a...

MINIPEGASO is designed for professionals applying solvent-free products with a grain size of up to 3 mm; the Turbo Gun spray gun ensures a continuous, steady material flow.



Model	Max. delivery	Max. fluid pressure	Max. air consumption	Weight
MINIPEGASO air operated texture sprayer	40 l/min	7 bar	190 l/min	60 Kg

Injection pumps and 1:1 systems

Electric and pneumatic pumps for cold injection of heat-sensitive expanding resins and sealants in restoration and consolidation work.

Electric and pneumatic pumps for cold injection of heat-sensitive expanding resins and sealants in restoration and consolidation work. The 2K systems inject two-component resins at a fixed 1:1 ratio.



Model	Max. delivery	Max. working pressure	Mixing ratio
DALÍ COLD – Electric airless diaphragm injection pump	4 l/min (per pump lower)	220 bar	—
JOLLY – Electric airless piston injection pump	1.9 l/min	220 bar	—
ZEUS – Electric airless piston injection pump	12 l/min (per pump lower), 24 l/min	70 bar	1:1
MINIPEGASO – Air operated low pressure injection pump	40 l/min	7 bar	—
ENG. 1002 2K GHIBLI 10:1 – Pneumatic injection system One motor – Two pumps system	12 l/min (per pump lower), 24 l/min	70 bar	1:1
ENG. 1008 2K GHIBLI 15:1 – Pneumatic injection system One motor – Two pump lowers system	4 l/min (per pump lower), 8 l/min	105 bar	1:1
ENG. 1011 2K GHIBLI 20:1 – Pneumatic injection system One motor – Two pump lowers system	3 l/min (per pump lower), 6 l/min	140 bar	1:1
ENG. 1006 2K OMEGA 40:1 – Pneumatic injection system One motor – Two pump lowers system	4 l/min (per pump lower), 8 l/min	280 bar	1:1
ENG. 1007 2K NOVA 30:1 – Pneumatic injection system One motor – Two pump lowers system	12 l/min (per pump lower), 24 l/min	210 bar	1:1
ENG. 1009 2K NOVA 40:1 – Pneumatic injection system One motor – Two pump lowers system	18 l/min, 9 l/min (per pump lower)	210 bar	1:1
ENG. 1012 2K NOVA 23:1 – Pneumatic injection system One motor – Two pump lowers system	14 l/min (per pump lower), 28 l/min	160 bar	1:1
MIRÒ COLD – Electric airless diaphragm injection pump	2.2 l/min	220 bar	—
MIRÒ Electric airless diaphragm injection pump	2.2 l/min	220 bar	—

Pneumatic airless spray pumps – protective coating

Robust, durable pneumatic airless spray packages for efficiently applying a wide range of products in industrial painting and protective coating...

Robust, durable pneumatic airless spray packages for efficiently applying a wide range of products in industrial painting and protective coating, aiming for a consistent finish in demanding industrial applications.



Model	Max. fluid pressure	Max. delivery	Delivery per cycle	Weight
GIANT-JET 50:1 on trolley – Airless pneumatic anticorrosion spray package	350 bar	18 l/min	280 cc	125 kg
SUPREME-JET 46:1 on trolley – Airless spray package	322 bar (4,670 psi)	2.8 l/min	46 cc	20 Kg
SUPREME-JET 33:1 on trolley – Airless spray package	231 bar (3,350 psi)	3.8 l/min	63 cc	20 Kg
SUPREME-JET 35:1 on trolley – Airless spray package	245 bar (3,553 psi)	1.3 l/min	22 cc	13.5 Kg
NOVA 45:1 on trolley – Airless pneumatic anticorrosion spray package	315 bar	14 l/min	230 cc	112 Kg
GIANT-JET 72:1 on trolley – Airless pneumatic anticorrosion spray package	500 bar	11.4 l/min	190 cc	125 kg
VEGA 34:1 on trolley – Airless pneumatic anticorrosion spray package	238 bar	1.3 l/min	21 cc	16 Kg
SUPER NOVA 80:1 on trolley – Airless pneumatic anticorrosion spray package	500 bar	9 l/min	150 cc	112 Kg
SUPER NOVA 68:1 on trolley – Airless pneumatic anticorrosion spray package	450 bar	11 l/min	180 cc	112 Kg
SUPER NOVA 45:1 on trolley – Airless pneumatic anticorrosion spray package	315 bar	14 l/min	230 cc	—
SIRIO 45:1 on trolley – Airless pneumatic anticorrosion spray package	315 bar	5 l/min	83 cc	60 Kg
SIRIO 30:1 on trolley – Airless pneumatic anticorrosion spray package	210 bar	7.5 l/min	125 cc	67 Kg
NOVA 68:1 on trolley – Airless pneumatic anticorrosion spray package	450 bar	11 l/min	180 cc	112 Kg
GHIBLI 40:1 on trolley – Airless pneumatic anticorrosion spray package	260 bar	3 l/min	50 cc	25 Kg
GHIBLI 30:1 on trolley – Airless pneumatic anticorrosion spray package	210 bar	3.8 l/min	63 cc	25 Kg

Pneumatic air-assisted airless spray packages

Piston pumps that finely atomise the product in industrial finishing of wood and metal surfaces; they combine airless efficiency with a...

Piston pumps that finely atomise the product in industrial finishing of wood and metal surfaces; they combine airless efficiency with a low-pressure-quality finish and suit frequent colour changes.



Model	Max. fluid pressure	Max. delivery (60 cycles/min)	Delivery per cycle	Weight
FINE-JET 30:1 Trolley version. Air-controlled airless pneumatic pump	210 bar	—	8 cc	15 Kg
VEGA 34:1 On trolley – Pneumatic air assisted airless spray pump	240 bar	1.3 l/min	21 cc	16 Kg
GHIBLI 40:1 On trolley – Pneumatic air assisted airless spray pump	260 bar	3 l/min	50 cc	25 Kg
GHIBLI 30:1 On trolley – Pneumatic air-controlled airless spray pump	210 bar	3.8 l/min	63 cc	30 kg

Pneumatic low pressure spray pumps

Assembled and tested professional pneumatic pumps for low pressure finish spraying; ATEX-certified units are offered in trolley, frame, wall-mounted...

Assembled and tested professional pneumatic pumps for low pressure finish spraying; ATEX-certified units are offered in trolley, frame, wall-mounted and tank versions.



Model	Max. fluid pressure	Max. delivery	Max. air consumption	Weight
LARIUS 2 1:1 Plus on trolley – Low pressure spray package	7 bar	21 l/min	120 l/min	24 Kg
LARIUS 2 1:1 on frame – Low pressure spray package	7 bar	21 l/min	120 l/min	10 Kg
LARIUS 2 1:1 on trolley – Low pressure spray package	7 bar	21 l/min	120 l/min	22 kg
LARIUS 2 1:1 on wall – Low pressure spray package	7 bar	21 l/min	120 l/min	18 Kg
LARIUS 2 1:1 on gravity tank – Low pressure spray package	7 bar	21 l/min	120 l/min	12 Kg
VEGA 5:1 on trolley – low pressure spray package	7 bar	7.5 l/min	3 bar 200 l/min, 5 bar 350 l/min, 7 bar 470 l/min	24 Kg

Pneumatic piston transfer pumps

Self-priming piston transfer pumps move a wide range of fluids precisely, operate efficiently and can supply several workstations.

Self-priming piston transfer pumps move a wide range of fluids precisely, operate efficiently and can supply several workstations. All models are divorced versions.



Model	Max. delivery	Max. fluid outlet pressure	Delivery per cycle	Air pressure range
Omega 15:1 piston transfer pump divorced version	23 l/min	120 bar - 1,800 psi	380 cc	3-8 bar / 40 -120 psi
Nova 68:1 piston transfer pump divorced version	11 l/min	476 bar – 6,900 psi	180 cc	3-7 bar / 40-100 psi
Nova 60:1 piston transfer pump divorced version	12 l/min	480 bar – 6,960 psi	200 cc	3-8 bar / 40 -120 psi
Nova 45:1 piston transfer pump divorced version	14 l/min	360 bar – 5,220 psi	230 cc	3-8 bar / 40 -120 psi
Nova 20:1 piston transfer pump divorced version	32 l/min	160 bar - 2,320 psi	530 cc	3-8 bar / 40 -120 psi
Nova 10:1 piston transfer pump divorced version	66 l/min	80 bar - 1,200 psi	1,100 cc	3-8 bar / 40 -120 psi
Omega 30:1 piston transfer pump divorced version	12 l/min	240 bar – 3,500 psi	200 cc	3-8 bar / 40 -120 psi
Omega 23:1 piston transfer pump divorced version	14 l/min	184 bar - 2,670 psi	230 cc	3-8 bar / 40 -120 psi
Omega 10:1 piston transfer pump divorced version	32 l/min	80 bar - 1,200 psi	530 cc	3-8 bar / 40 -120 psi
Omega 5:1 piston transfer pump divorced version	66 l/min	40 bar - 600 psi	1,100 cc	3-8 bar / 40 -120 psi
Sirio 45:1 piston transfer pump divorced version	5.1 l/min	315 bar – 4,568 psi	85 cc	3-7 bar / 40-100 psi
Sirio 30:1 piston transfer pump divorced version	7.5 l/min	210 bar - 3,000 psi	125 cc	3-7 bar / 40-100 psi
Ghibli 40:1 piston transfer pump divorced version	2.7 l/min	280 bar – 4,000 psi	45 cc	3-7 bar / 40-100 psi
Ghibli 30:1 piston transfer pump divorced version	3.6 l/min	210 bar - 3,000 psi	60 cc	3-7 bar / 40-100 psi
Ghibli 10:1 piston transfer pump divorced version	15 l/min	70 bar - 1000 psi	260 cc	3-7 bar / 40-100 psi
Ghibli 3:1 piston transfer pump divorced version	45 l/min	21 bar - 300 psi	680 cc	3-7 bar / 40-100 psi

Model	Max. delivery	Max. fluid outlet pressure	Delivery per cycle	Air pressure range
Vega 34:1 piston transfer pump divorced version	1.20 l/min	272 bar – 3,950 psi	20 cc	3-8 bar / 40 -120 psi
Vega 5:1 piston transfer pump divorced version	10 l/min	40 bar - 600 psi	170 cc	3-8 bar / 40 -120 psi
P31 2:1 piston transfer pump divorced version	10 l/min (100 cycles/min)	24 bar - 300 psi	100 cc	2-12 bar / 40-174 psi
P33 1:1 piston transfer pump divorced version	20 l/min (100 cycles/min)	12 bar - 174 psi	200 cc	2-12 bar / 40-174 psi

Air-operated double diaphragm transfer pumps

Self-priming double diaphragm packages are used for the precise transfer of different fluids and for supplying several workstations.

Self-priming double diaphragm packages are used for the precise transfer of different fluids and for supplying several workstations.



Model	Max. delivery (60 cycles/min)	Max. fluid outlet pressure	Max. solid particle size	Air pressure range
L4 1:1 Air operated double diaphragm pump	40 l/min	7 bar - 100 psi	3 mm	1-7 bar / 15-100 psi
L2 1:1 Air operated double diaphragm pump	—	7 bar - 100 psi	2.4 mm	1-7 bar / 15-100 psi

Pneumatic extrusion pumps

Extrusion pumps with dynamic primer designed to pump high-viscosity products and increase plant output; they are ATEX-certified and draw directly...

Extrusion pumps with dynamic primer designed to pump high-viscosity products and increase plant output; they are ATEX-certified and draw directly from different drums.



Model	Max. delivery	Max. fluid outlet pressure	Delivery per cycle	Air pressure range
NOVA 55:1 Dynamic primer extrusion pump. Divorced version	12 l/min	380 bar – 5,510 psi	200 cc	3-7 bar / 40-100 psi
NOVA 20:1 Dynamic primer extrusion pump. Divorced version	24 l/min	140 bar - 2,030 psi	400 cc	3-7 bar / 40-100 psi
OMEGA 40:1 Dynamic primer extrusion pump. Divorced version	7.5 l/min	320 bar – 4,640 psi	125 cc	3-8 bar / 40 -120 psi
OMEGA 28:1 Dynamic primer extrusion pump. Divorced version	12 l/min	224 bar - 3,248 psi	200 cc	3-8 bar / 40 -120 psi
SIRIO 60:1 Dynamic primer extrusion pump. Divorced version	4 l/min	420 bar – 6,090 psi	60 cc	3-7 bar / 40-100 psi
SIRIO 33:1 Dynamic primer extrusion pump. Divorced version	6 l/min	231 bar - 3,350 psi	100 cc	3-7 bar / 40-100 psi
SIRIO 22:1 Dynamic primer extrusion pump. Divorced version	9 l/min	154 bar - 2,233 psi	150 cc	3-7 bar / 40-100 psi
GHIBLI 26:1 Dynamic primer extrusion pump. Divorced version	3.6 l/min	208 bar - 3,016 psi	60 cc	3-8 bar / 40 -120 psi
VEGA 45:1 Dynamic primer extrusion pump. Divorced version	0.8 l/min	360 bar – 5,220 psi	13 cc	3-8 bar / 40 -120 psi
VEGA 13:1 Dynamic primer extrusion pump. Divorced version	2.6 l/min	104 bar - 1,508 psi	43 cc	3-8 bar / 40 -120 psi

Extrusion systems

Complete extrusion systems consisting of pump, follower plate and pneumatic elevator that draw high-viscosity products directly from 30 l and 200 l...

Complete extrusion systems consisting of pump, follower plate and pneumatic elevator that draw high-viscosity products directly from 30 l and 200 l drums; single and double post versions are available.



Model	Max. delivery	Max. fluid outlet pressure	Drum capacity	System height
NOVA 55:1 double post extrusion package 200 l	12 l/min	380 bar – 5,510 psi	200 l	2,390 mm - 2,890 mm
NOVA 55:1 double post extrusion package 30 l	12 l/min	380 bar – 5,510 psi	30 l	1,180 mm - 1,680 mm
OMEGA 40:1 double post extrusion package 200 l	7.5 l/min	320 bar – 4,640 psi	200 l	2,390 mm - 2,890 mm
OMEGA 40:1 double post extrusion package 30 l	7.5 l/min	320 bar – 4,640 psi	30 l	1,180 mm - 1,680 mm
Omega 28:1 double post extrusion package 200 l	12 l/min	224 bar - 3,248 psi	200 l	2,390 mm - 2,890 mm
OMEGA 28:1 double post extrusion package 30 l	12 l/min	224 bar - 3,248 psi	30 l	1,180 mm - 1,680 mm
SIRIO 60:1 double post extrusion package 200 l	4 l/min	420 bar – 6,090 psi	200 l	2,390 mm - 2,890 mm
SIRIO 60:1 double post extrusion package 30 l	4 l/min	420 bar – 6,090 psi	30 l	1,120 mm - 1,620 mm
SIRIO 33:1 double post extrusion package 200 l	6 l/min	231 bar - 3,350 psi	200 l	2,390 mm - 2,890 mm
SIRIO 33:1 double post extrusion package 30 l	6 l/min	231 bar - 3,350 psi	30 l	1,060 mm - 1,560 mm
SIRIO 22:1 double post extrusion package 200 l	9 l/min	154 bar - 2,233 psi	200 l	2,390 mm - 2,890 mm
SIRIO 22:1 double post extrusion package 30 l	9 l/min	154 bar - 2,233 psi	30 l	1,060 mm - 1,560 mm
GHIBLI 26:1 double post extrusion package 200 l	3.6 l/min	208 bar - 3,016 psi	200 l	1,950 mm - 2,660 mm
GHIBLI 26:1 double post extrusion package 30 l	3.6 l/min	208 bar - 3,016 psi	30 l	1,120 mm - 1,620 mm
GHIBLI 26:1 mobile one post extrusion package 30 l	3.6 l/min	208 bar - 3,016 psi	30 l	1,150 mm - 1,650 mm
GHIBLI 26:1 one post extrusion package 30 l	3.6 l/min	208 bar - 3,016 psi	30 l	1,250 mm - 1,750 mm
VEGA 13:1 double post extrusion package 30 l	2.6 l/min	104 bar - 1,508 psi	30 l	1,190 mm - 1,690 mm
VEGA 13:1 mobile one post extrusion package 30 l	2.6 l/min	104 bar - 1,508 psi	30 l	1,190 mm - 1,690 mm

Warm melt supply systems

Extrusion systems for applications where heating must be monitored continuously to preserve the chemical properties of the product; the touch-screen...

Extrusion systems for applications where heating must be monitored continuously to preserve the chemical properties of the product; the touch-screen panel offers simple, intuitive setting.



Model	Max. delivery	Max. fluid outlet pressure	Drum	Max. temperature (pump – follower plate)
Nova 55:1 – extrusion warm melt supply system double post	12 l/min	320 bar – 4,640 psi, 380 bar – 5,510 psi	30 l (max. drum height 480 mm) - 200 l (max. drum height 990 mm)	90 °C
Omega 40:1 – extrusion warm melt supply system double post	7.5 l/min	320 bar – 4,640 psi	30 l (max. drum height 480 mm) - 200 l (max. drum height 990 mm)	90 °C
Omega 28:1 – extrusion warm melt supply system double post	12 l/min	224 bar - 3,360 psi	30 l (max. drum height 480 mm) - 200 l (max. drum height 990 mm)	90 °C
Ghibli 26:1 – extrusion warm melt supply system double post	3.6 l/min	208 bar / 3,120 psi	30 l - 200 l	90 °C

Airless road marking machines

Compact, sturdy professional road marking machines with proven airless line technology; manual and self-propelled, piston and diaphragm, petrol...

Compact, sturdy professional road marking machines with proven airless line technology; manual and self-propelled, piston and diaphragm, petrol, electric and battery versions draw the product directly from the paint bucket or a gravity tank.



Model	Max. pressure	Max. delivery	Engine power	Weight
MIRÒ E-LINER – Manual airless diaphragm line marker – Electric motor	220 bar	2.2 l/min	1.8 kw	120 Kg
Eco K21 self-propelled airless piston line marker – Battery power	220 bar	2.2 l/min	0.75 Kw	280 Kg
Everest TH self-propelled airless piston line marker – Petrol engine	220 bar	9 l/min	11.7 HP	350 Kg
Dragon manual airless piston line marker – Petrol engine	220 bar	6.5 l/min	8.4 HP	230 Kg – 300 Kg
Zeus manual airless piston line marker – Petrol engine	220 bar	4.5 l/min	8.4 HP	150 Kg
Excalibur manual airless piston line marker – Petrol engine	220 bar	2.2 l/min	4.8 HP	108 Kg – 150 Kg
Giotto self-propelled airless diaphragm line marker – Petrol engine	220 bar	8 l/min	11.7 HP	300 Kg
Dalì Plus manual airless diaphragm line marker – Petrol engine	220 bar	4 l/min	4.8 HP	120 Kg

Pneumatic airless wash pumps

Stainless steel high pressure washing pumps used with pure water, solvents, degreasers or washing solutions; they can work with hot water up to 90 °C...

Stainless steel high pressure washing pumps used with pure water, solvents, degreasers or washing solutions; they can work with hot water up to 90 °C and are ATEX-certified.



Model	Max. delivery	Max. fluid pressure	Delivery per cycle	Pneumatic motor
NOVA 10:1 Stainless steel pneumatic airless wash pump	66 l/min	80 bar - 1,160 psi	1,100 cc	10″X4 3/4″
NOVA 45:1 Stainless steel pneumatic airless wash pump	14 l/min	315 bar - 4,568 psi	230 cc	10″X4 3/4″
NOVA 30:1 Stainless steel pneumatic airless wash pump	23 l/min	—	380 cc	10″X4 3/4″
NOVA 20:1 Stainless steel pneumatic airless wash pump	32 l/min	140 bar - 2,030 psi	530 cc	10″X4 3/4″
OMEGA 5:1 Stainless steel pneumatic airless wash pump	66 l/min	238 bar	180 cc	7″x 4 3/4″
OMEGA 23:1 Stainless steel pneumatic airless wash pump	14 l/min	161 bar - 2,335 psi	230 cc	—
OMEGA 10:1 Stainless steel pneumatic airless wash pump	32 l/min	70 bar - 1,015 psi	530 cc	7″x 4 3/4″
SIRIO 32:1 Stainless steel pneumatic airless wash pump	8.5 l/min	224 bar - 3,248 psi	140 cc	—
GHIBLI 10:1 Stainless steel pneumatic airless wash pump	12 l/min	70 bar - 1,015 psi	200 cc	4 1/4″x 4″

Painting accessories

Airless spray guns with stainless steel or aluminium bodies for paint and protective coating applications, covering needs from high-viscosity...

Airless manual spray guns

Airless spray guns with stainless steel or aluminium bodies for paint and protective coating applications, covering needs from high-viscosity products to intensive finishing work.



Product	Description	Max. pressure
PG500 HV airless manual spray gun	Stainless steel gun with a sturdy body for high-viscosity applications; integrated hanger.	500 bar
PG500 airless manual spray gun	Stainless steel body for intensive finishing applications; safety lock against accidental triggering.	500 bar
PG350 airless manual spray gun	Aluminium body, ergonomic handle for all-day comfort, integrated hanger and easy maintenance.	350 bar
L91X manual airless spray gun	For paint and protective coating; ATEX-certified, aluminium body, ergonomic handle, high transfer efficiency.	500 bar
AT300 manual airless spray gun	For paint and protective coating; ATEX-certified, aluminium body and ergonomic handle.	300 bar
AT250 manual airless gun	For paint and protective coating; ATEX-certified, ergonomic gun with aluminium body.	250 bar

Manual airless gun extensions

Quick and easy to fit extensions for comfortable work during long applications.

Product	Description
Manual airless gun extensions	Aluminium and galvanised iron; quick fitting, 11/16″ connection, comfortable work on long jobs.

Airless pole spray gun

Airless pole gun in different lengths, with a swivel joint for easy handling.

Product	Description
PLA airless pole gun	Stainless steel hose, swivel joint; 130–180–240 cm lengths, nozzle holder included, nozzle not included.

Airless telescopic paint roller

Telescopic roller fed directly from the airless pump, giving a controlled, drip-free flow.

Product	Description
PAINT ROLLER airless telescopic roller	Drip-free telescopic roller fed from a diaphragm or piston airless pump; 90–195 cm.

Airless automatic spray gun

Automatic gun that can be integrated into any work area for superior atomisation and reduced overspray.

Product	Description	Max. pressure
LA96 automatic airless spray gun	ATEX-certified; high transfer efficiency, reduced overspray and long-lasting performance.	300 bar

Air-assisted airless manual spray guns

The L400 series for air-assisted airless applications with fixed nozzles, with a soft spray pattern and high transfer efficiency.



Product	Description	Max. fluid pressure
L400 + Mist Clean base. Manual air assisted airless spray gun	For fixed nozzles; long/short filter options, ATEX-certified, adjustable from fine jet to atomisation; nozzle not included.	110 bar (180 bar with reinforced spring)
L400 Manual air-assisted airless spray gun	L400 series with fixed nozzle; long/short filter options, ATEX-certified, soft spray pattern.	110 bar (180 bar with reinforced spring)

Air-assisted airless automatic spray guns

L200 – L201 automatic guns with aluminium or stainless steel bodies and side or rear inlet, aiming for uniform atomisation and material savings.

Product	Description	Max. fluid pressure
L200 – L201 Aluminium + Base Mist Clean 2 Automatic air assisted airless spray gun	Side (L200) or rear (L201) inlet; ATEX-certified, reversible nozzle not included.	—
L200 – L201 Aluminum. Automatic air assisted airless spray gun	Side or rear inlet, optional version with manual air adjustment; ATEX-certified.	250 bar
L200 – L201 Stainless steel + Base Mist Clean 2 Automatic air assisted airless spray gun	Stainless steel body, side or rear inlet; ATEX-certified, reversible nozzle not included.	250 bar
L200 – L201 Stainless steel. Automatic air assisted airless spray gun	Stainless steel body, side or rear inlet, optional version with manual air adjustment; ATEX-certified.	250 bar

Low pressure manual spray guns

Guns with stainless steel nozzles giving fine atomisation of low and medium viscosity products in wood, metal and plastic coating.



Product	Description	Max. air pressure
X-402 low pressure manual spray guns	Top cup, gravity feed; fine atomisation of low to medium viscosity products, stainless steel nozzle included.	7 bar
X-202 low pressure manual spray gun (bottom cup)	Suction feed; fine atomisation in wood, metal and plastic coating, stainless steel nozzle included.	7 bar
X-202 low pressure manual spray gun (pressure feed)	Pressure feed; fine atomisation of low to medium viscosity products, stainless steel nozzle included.	7 bar
X-102 manual low pressure spray gun	Pressure feed; fine atomisation, wide choice of nozzles, stainless steel nozzle included.	7 bar

Automatic low pressure spray guns

Quick and easy to install automatic guns for low pressure painting systems, providing transfer efficiency and material savings.

Product	Description	Max. fluid pressure
L100 – L101 automatic aluminium low pressure spray guns	ATEX-certified; nozzle, air cap and needle kit included, uniform atomisation.	7 bar
L100 – L101 Stainless steel automatic low pressure guns	ATEX-certified stainless steel body; nozzle, air cap and needle kit included.	7 bar
LA22 automatic low pressure spray gun	Stainless steel nozzle included; transfer efficiency, material savings and easy installation.	6.8 bar
RAC2 low pressure automatic spray gun	For low pressure painting; nozzle kit included, uniform atomisation and easy installation.	8 bar
MA98L automatic low pressure gun	For low pressure painting systems; ATEX-certified, nozzle kit included.	8 bar

Manual spray gun for texture products

Gun designed for high-speed application of solvent-free products.



Product	Description	Max. fluid pressure
Turbo Gun manual spray gun for solvent free products	For solvent-free products with a max. grain size of 3 mm; four nozzles included: 3, 4, 6 and 8 mm.	20 bar

2K 1:1 injection resin gun

Manual gun for fast, efficient application of two-component 1:1 resins.

Product	Description	Max. pressure
2K 1:1 stainless steel injection resin gun	Manual gun for 1:1 two-component resins; uniform material flow, easy to use, low maintenance.	150 bar

Airless nozzle holder bases

Nozzle holder bases matching regional connection standards for different nozzle series.



Product	Description
CF350 Series airless tip holder base	European 11/16″ W and US 7/8″ UNF connection options.
CF500 Series airless tip holder base	European 11/16″ W and US 7/8″ UNF connection options.
Series SFC – TSC airless tip holder bases	European 11/16″ W, US 7/8″ UNF and Asian M18x1.5 connection options.

Air-assisted airless nozzle holder base

Nozzle holder base for using reversible nozzles with the L400 gun.

Product	Description
Mist Clean 2 airless nozzle holder base	Nozzle holder base for the L400 manual gun and the Top Spraying Clean reversible airless nozzle.

Airless spray nozzles (tips)

Quick-cleaning nozzles compatible with a wide range of products; the right nozzle size determines application quality, and the maximum size allowed by the machine must not be exceeded.



Product	Description
CF350 Series. Airless spray tips	Max. working pressure 350 bar; durable, quick-release nozzle for commercial and industrial painting work.
CF500 Series. Airless spray tips	Max. 500 bar; high corrosion resistance, suitable for abrasive fluids, quick maintenance.
Standard airless spraying nozzles	Nozzles compatible with a wide range of products, quick and easy to clean.
Top spraying clean airless nozzles	Tungsten carbide structure, stainless steel and PTFE gasket; uniform coating, easy cleaning.
Super fast clean airless spray nozzles	Tungsten carbide structure, stainless steel and PTFE gasket; uniform coating and efficient flow.

Air-assisted airless spray nozzles

Air-assisted airless nozzles in tungsten carbide, available in a wide choice of sizes.

Product	Description
Air assisted airless spray nozzles	Air-assisted airless nozzles in tungsten carbide with a wide range of sizes.

Pre-atomisers for fixed airless nozzles

Pre-atomisers in different orifice diameters.

Product	Description
Pre-atomisers for fixed airless nozzles	Orifice diameters from 0.007″ (0.18 mm) to 0.026″ (0.66 mm).

Filters

Filters with different mesh and connection options for suction, drum and line filtration.

Product	Description
Suction bell – Disc filters	Complete suction bell; 30, 50 and 100 mesh disc filters (pack of 10).
Drum filters	20 and 40 mesh drum filters, standard and stainless steel.
Line filters	Standard and stainless steel line filters, with or without recirculation; 1/4″ BSPP and M16X1.5 outlet.

Heating systems

Drum heating blanket and line heater to keep product temperature under control.

Product	Description
30 l – 200 l Drum heating blanket	With integrated electronic temperature control, for 30 l and 200 l drums; ATEX-certified version available.
Complete heater	Heater with thermostat and stainless steel internal passage; max. 300 bar, 90 °C, 230 V supply.

Stainless steel pressurised gravity tanks

9 l and 18 l stainless steel tanks with double air pressure regulation.

Product	Description
18 l Stainless steel under pressure gravity tank	Double air pressure regulation; versions with X-102 gun or with agitator.
9 l stainless steel under pressure gravity tank	Double air pressure regulation; versions with X-102 gun or with agitator.

304 stainless steel tanks

30 l and 50 l stainless steel tanks with hermetic or half-opening covers.

Product	Description
30 l – 50 l Tanks – 304 Stainless steel – Hermetic cover	Versions without accessories or with level indicator and agitator.
30 l / 50 l Tanks – 304 Stainless steel – Half-opening cover	Versions without accessories or with level indicator and agitator.

Pressure gauge

Pressure gauge with fitting for monitoring pressure in the fluid line.

Product	Description
High pressure fluid manometer with fitting	Ø 60 fluid pressure gauge with rear connection and dual scale; 0–400 bar and 0–60 bar options.

Extrusion accessories

Light, compact manual extrusion guns and a joint for precise control of viscous materials.

Manual extrusion guns

Light, compact manual extrusion guns and a joint for precise control of viscous materials.



Product	Description	Max. fluid pressure
EX 250 – EX 500 Series	Ultra-light and compact; tungsten carbide ball, precise flow adjustment screw, safe quick lock.	250 bar / 500 bar
Z articulated junction for manual extrusion gun	Improves manoeuvrability when applying viscous products with EXT85 and EXT86 guns.	250 bar
LA96 Extrusion manual gun with internal air switch	Light, compact; wide-passage aluminium body, precise control of viscous materials.	300 bar
EXT86 manual extrusion flow guns	Wide-passage aluminium body; precise control of viscous materials.	280 bar
EXT 85 extrusion manual flow guns	Long-lasting aluminium body; precise control of viscous materials.	280 bar

Automatic extrusion guns

Automatic guns with aluminium or stainless steel bodies for precise control of viscous and high-viscosity materials.

Product	Description	Max. fluid pressure
LHGV automatic extrusion gun with fitting	Stainless steel body; precise control of high-viscosity materials.	400 bar
LA96 automatic extrusion flow guns with inlet swivel	Stainless steel body, double acting; precise control of viscous materials.	300 bar
LA96 automatic extrusion guns	Aluminium or stainless steel body; precise control of viscous materials.	300 bar

Stainless steel extrusion nozzles

Stainless steel nozzles in different sizes for industrial extrusion applications.

Product	Description
Stainless steel extrusion nozzles	Sizes of 1.5 mm, 2 mm and 2.5 mm for industrial extrusion.

Extrusion hoses

Heated and double braid extrusion hoses in different lengths.

Product	Description
Heated extrusion hoses	Constant temperature to reduce pressure loss; different lengths, max. 250 bar and 90 °C.
Double braid extrusion hoses	PTFE inner hose, AISI 304L stainless steel double braid reinforcement; max. working pressure 140 bar.

Follower plates

Follower plates in different materials and heating kits for 30 l and 200 l drums.

Product	Description
Follower plate heating kits 30 l – 200 l drum	Heating kits for single-lip 30 l and double-lip 200 l follower plates.
Follower plates 200 l drum	Inner diameter 572 mm; galvanised steel, stainless steel or aluminium options.
Follower plates 30 l drum	Inner diameter 285–290 mm; stainless steel or aluminium, single-lip SBR wiper.

Double-acting air-operated extrusion rams

Rams supplied with FRL air treatment unit, pump bracket and pump mounting accessories; check the pressure the drum can withstand before using the maximum downward force.



Product	Description
Double acting air operated four post extrusion ram 1000 l drum	FRL unit, pump bracket and mounting accessories included; with Nova 20:1 and Nova 55:1 pumps.
Double acting air operated two post extrusion rams 30 l – 200 l drum	FRL unit, pump bracket and pump mounting accessories included; suitable for different pump models.
Double acting air operated one post extrusion rams 30 l – 200 l drum	FRL unit and mounting accessories included; fixed or trolley single post options.

Extrusion heating systems

Heating solutions for controlling product temperature in drums and hoses.

Product	Description
Heating base drum	55 cm diameter, 5 cm height; 0–100 °C electronic temperature control.
Electronic control units 200 l insulation covers	Temperature control unit for 200 l drum insulation covers; ATEX EX II 3 G option.
Heating band for hoses	1,000×10 cm, 310 W, thermostatic temperature control at 40 °C.

Connection adaptors

Adaptors for converting between BSPT and BSPP threads.

Product	Description
M – swivel F connection adaptors	3/8″ BSPT (M) – 1/2″ BSPP (FG) adaptor.
M – F connection adaptors	1/2″, 3/4″ and 1″ BSPT male – BSPP female adaptors.
Double male thread connection adaptors	BSPT/BSPP male-male adaptors from 1/4″ to 3/4″.

Drum blocking systems

Drum handling and blocking solutions for 30 l and 200 l rams.

Product	Description
Roller conveyor for 200 l power ram	Roller conveyor for 200 l drums.
30 l – 200 l drum blocking system	Metal, plastic and strap drum blocking options for 30 l and 200 l rams.

Low pressure flow regulators

Compact, functional regulators for delivering the product steadily.

Product	Description
Low pressure flow regulators	Compact mechanical regulators for steady product delivery; 0–14 bar range, 27 l/min.

High pressure regulators

Compact regulators for steadily delivering products such as sealants.

Product	Description
High pressure regulators	Mechanical and pneumatic regulators for sealants; 10–320 bar range, 7 l/min.

Stand-by management system

Supply management system that reduces downtime caused by running out of material.

Product	Description
Stand-by management system	Automatically switches supply when the drum runs out of material; two-level alarm, uninterrupted production.

ANADOLU

For quotations and technical support

Tell us about your surface, blasting system and required quantity, and we will help you choose the right product and grain size.

ADDRESS

Mimar Sinan Mah. Üsküdar Cad. Yedpa Ticaret Merkezi H1/1 No:35, Ataşehir / İstanbul

PHONE

+90 216 706 70 72

MOBILE / WHATSAPP

+90 532 063 81 58

E-MAIL

Sales: satis@anadolukumlama.com
General: info@anadolukumlama.com

WEB

www.anadolukumlama.com.tr

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Anadolu Kumlama Yüzey İşleme Metal Sanayi ve Ticaret Limited Şirketi