



WireBlast™ Cut Wire

As Cut • For Blasting & Surface Finishing



Product Description and Technical Data:

WireBlast™ Cut Wire (As Cut) is a high performance metallic abrasive used for blasting, cleaning and surface finishing applications. It effectively removes rust, scale, coatings, weld spatter, burrs and other surface contaminants while providing a consistent and controlled surface finish.

As-cut wire is manufactured from wire strand, cut to lengths equal to its diameter. This produces cylindrical particles with sharp cut edges and a high consistency of size, shape, hardness and density, resulting in predictable blasting performance and uniform surface finishes.

WireBlast™ Cut Wire is widely used for cleaning, deburring, stain removal and polishing of metallic components. It is suitable for a range of industries including general engineering, automotive, aerospace, foundry, fabrication and maintenance applications.

Aluminium and zinc cut wire are particularly suited to softer-impact blasting where minimal base material removal is required, making them ideal for delicate components, mould cleaning and cosmetic surface finishing. Carbon steel and stainless steel cut wire provide durable, high-performance metallic abrasives for demanding cleaning and surface preparation applications, offering excellent service life and consistent results.

The close size range of WireBlast™ particles ensures uniform blasting action and repeatable surface finishes. The cylindrical as-cut form provides aggressive yet controlled cleaning action, making it effective for both heavy-duty surface preparation and precision finishing.

This brochure covers the as-cut blasting form of WireBlast™ cut wire. Conditioned and peening forms of WireBlast™ are available and covered in separate brochures.





WireBlast™

AS CUT • ABRASIVE MEDIA GUIDE



WireBlast™ Abrasive Properties:

	Aluminium 1070	Carbon Steel	Stainless Steel SUS 304	Stainless Steel SUS 430	Zinc
Hardness (HV)	40 - 60	400 - 500	400 - 600	300 - 450	35 - 55
Density (g/cc)	2.7	7.6	7.6	7.6	7.1
Bulk Density (kg/l)	1.5	4.4	4.4	4.4	4.1
Ferrous / Non Ferrous	NF	F	F	F	NF
C %	/	0.4 - 0.7	< 0.08	< 0.12	/
Si %	< 0.2	0.15 - 0.35	< 1	< 0.75	/
Mn %	< 0.03	0.6 - 0.9	< 2	< 1	/
P %	/	< 0.04	< 0.045	< 0.04	/
S %	/	< 0.04	< 0.03	< 0.03	/
Ni %	/	/	8 - 10.5	N/A	/
Cr %	/	/	18 - 20	16 - 18	/
Cu %	< 0.04	/	/	/	/
Fe %	< 0.25	/	/	/	< 0.005
Mg %	/	/	/	/	/
Zn %	< 0.04	/	/	/	> 99.99
Pb %	/	/	/	/	< 0.007
Cd %	/	/	/	/	< 0.004

WireBlast™ Available Sizes:

Grade	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.2	1.5	1.7	2.0	2.3	2.5
Microns	300	400	500	600	700	800	1000	1200	1500	1700	2000	2300	2500
Inch	0.011	0.015	0.019	0.023	0.027	0.031	0.039	0.047	0.059	0.066	0.078	0.090	0.098
Al1070	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Steel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SS304	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SS430	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zn	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Other sizes and AMS specification available upon request

WireBlast™ Packaging:

25kg Bags in Drum

WireBlast™ Ordering Information:

Stock Code	AOT-CWAXXX-YYG1
Key	XXXX - Product Material A1070 for Aluminium 1070 C62B, C72A or C82B for Carbon Steel S5304 for Stainless Steel 304 S5430 for Stainless Steel 430 ZN for Zinc YY - Product Size (e.g. 0.6mm, YY = 06) G1 - Form Code G1 for As Cut Conditioned forms for peening applications are covered in a separate WireBlast brochure.

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