



FastBlast™ Chilled Iron Grit

Product Description and Technical Data:

FastBlast™ Chilled Iron Grit is a sharp, hard, angular, metallic abrasive ideally suited for extremely fast blast cleaning of steel and iron components.

The friability of FastBlast™ results in it breaking down to form smaller particles, inheriting the same sharp, angular properties and shape as the original particles. This unique feature contributes to the superior rapid cleaning rates and high productivity.

As the particle shape is constantly maintained, the abrasive is also suitable when a repeatable, consistent surface profile and finish is required.

FastBlast™ is ideally suited for compressed air blasting applications especially when a high production rate is required. Being lower in cost, FastBlast™ is an economical alternative to steel abrasives, in situations where 100% of the abrasive cannot be retained for recycling.

If recycling facilities can be utilised, FastBlast™ also offers a viable alternative to copper slag or other expendable abrasives, as it may be recycled up to 50 times.

FastBlast™ can also be used as a high aggregate in marine ballast applications. These high-density aggregates are also used for hazardous radiation shielding purposes.



FastBlast™
Chilled Iron Grit

FastBlast™ Abrasive Properties:

Shape	Sharp, Angular	Foreign Matter %	< 1.0
Hardness (HRC min)	62	Total Carbon %	2.50 - 3.00
Bulk Density (kg/m³)	3990	Silicon %	1.40 - 1.80
Particle S.G.	7.0	Manganese %	0.30 - 0.50
Colour	Silvery, Light Brown	Sulphur %	0.14 - 0.20
Size Standard	BSS	Phosphorus %	0.50 - 1.00



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FastBlast™ Available Sizes:

Grade	G02	G05	G07	G12	G17	G24
Microns	120	120 - 130	180 - 420	300 - 710	420 - 850	600 - 1000
Inch	.004	.004 - .011	.007 - .016	.011 - .027	.015 - .033	.023 - .039

Grade	G34	G39	G47	G55	G66	G80
Microns	850 - 1180	1000 - 1400	1180 - 1700	1400 - 2000	1700 - 2360	2000 - 2800
Inch	.033 - .046	.039 - .055	.046 - .066	.055 - .078	.066 - .092	.078 - .110

FastBlast™ Packaging:

25kg Bags or Drums of 750kg/800kg

1 Tonne Pallet (40 x 25kg Bags) or Drums

FastBlast™ Ordering Information:

Stock Code	ASA-CIGXXX
Key	XXX - Product Grade BSS (e.g. 017 for G17)