



HC STEEL GRIT

Long-lasting, reliable, reusable & recyclable metallic grit abrasive

Manufactured under strict conditions and using a unique air quenching thermal process, delivering a long lasting media, with minimal chloride & salt concentration, you receive a blasting media having the highest impact value. Used primarily in «sandblasting» applications in surface preparation prior to painting, it is also used for descaling and desanding application.



100% Recyclable & 100% reusable



Homogeneous microstructure



High durability



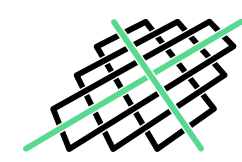
cleaning



preparing



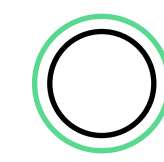
MARKETS AND APPLICATIONS



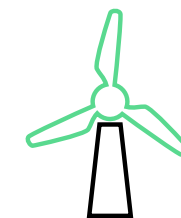
Steel Structures



Railways



Pipe Coating



Windmills



Metal Working



Contractors

USERS BENEFITS

#1 Quality

- Low conductivity grit to minimize chlorides surface contamination.
- Fine and homogeneous martensitic microstructure providing superior durability and product life.

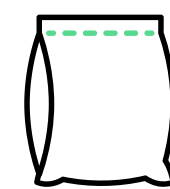
#2 Cost

Equipped with the most advanced manufacturing technologies, offering great product durability and being strategically located, this allows us to offer a product with the best cost-benefit ratio.

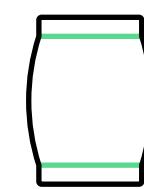
#3 Availability

With 9 manufacturing plants worldwide, and multiple distribution locations, our steel shot is always available for prompt delivery.

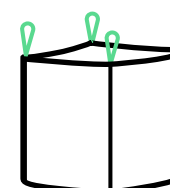
Packaging



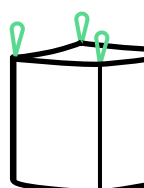
BOXED BAGS



DRUM



BIG BAG
2000 lb



BIG BAG
4000 lb

SPECIFICATIONS

Family	Steel Grit GP	Steel Grit GL	Steel Grit GH
Shape	Angular		
Shape in operation	Potatoe Shape	Angular "Soft edges"	Angular "Sharp edges"
Chemical composition	C ≥ 0.80%, Si ≥ 0.40%, 0.60% ≤ Mn ≤ 1.20%, S ≤ 0.05%, P ≤ 0.05%		
Hardness	40-51 HRC (544-613 HV)	54-61 HRC (580-720 HV)	60 HRC min (697 HV)
Standard deviation	± 3Rc (± 80 HV)		
Microstructure	Highly refined and homogeneous tempered martensite, obtained through a well-controlled manufacturing process that mixes the iron and carbon atoms in the finest and most ideal way possible, producing optimum homogeneity, hardness and resistance.		
Minimum density measured by alcohol displacement	> 7.3g/cm ³		
Conductivity	Typically, <30 μS/cm Low level according to ASTM D4940		
Applicable Specifications	SAE J444, SAEJ445, SAE J1993, ASTM D4940, SSPC-AB3 (on request)		

Product	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
G.12		AP	80% min	90% min													
G.14			AP	80% min	90% min												
G.16				AP	75% min	85% min											
G.18					AP	75% min	85% min										
G.25						AP	70% min	80% min									
G.40							AP	70% min	80% min								
G.50								AP	65% min	75% min							
G.80											AP	65% min	75% min				
G.120													AP	60% min	70% min		
Screen Number	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
Screen Size (mm)	2.80	2.36	2.00	1.70	1.40	1.18	1.00	0.85	0.71	0.60	0.50	0.425	0.355	0.30	0.180	0.125	0.075
Screen Size (inches)	0.111	0.0937	0.0787	0.0661	0.0555	0.0469	0.0394	0.0331	0.0278	0.0234	0.0197	0.0165	0.0139	0.0117	0.007	0.0049	0.0029

Cumulative Size Distribution (%)

*Document for informational purposes only. Not contractual. Contact your local representative for latest version of the technical data sheets.

W Abrasives
by WinoA

