



SURFIUM™

High efficiency steel grit media designed for Wheel blasting process prior to coating

Premium quality steel abrasive with a very narrow hardness range (+/- 1.5 RHC) to give a consistent surface profile. Developed specifically for the wheel-blasting process, it has the right level of aggressiveness to create an excellent and powerful anchor profile, while limiting machine wear and generating little dust. Surfium™ will improve any coating's durability in wheel blast processes.

Narrow hardness range : +/- 1,5 HRC

Low dust generation during blasting

Wheel-blasting specific



USERS BENEFITS

- Increase production speed due to an optimized blasting media process
- Optimum roughness (low dead-volume) providing a reduced paint consumption

SPECIFICATIONS

Meet or exceed SAE J444

Product name	SF 350	SF 450	SF 600	SF 710
Typical size (Sieve #)	0,30 mm (#50)	0,42 mm (#40)	0,60 mm (#30)	0,71 mm (#25)
Hardness	51 - 54 HRC			
Density	> 7.3 g/cm ³			
Chemical composition	C ≥ 0.80%, Si ≥ 0.40%, 0.60% ≤ Mn ≤ 1.20%, S ≤ 0.05%, P ≤ 0.05%			
General shape	Angular			

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

USERS BENEFITS

#1

Improved coating adhesion

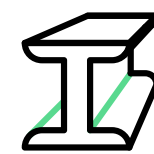
- Narrow hardness range, leading to a highly consistent surface profile
- Reduction of dust left on parts due to the specific hardness of the product
- Low conductivity level (< 30 μS/cm), reducing the risks of coating blistering

#2

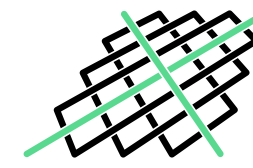
Superior Performances: generates savings compared to traditional GL abrasives

- Significant reduction in consumption (-10 to -20%) and longer service life versus GL steel grit
- Reduced machine wear vs GL or GH grit

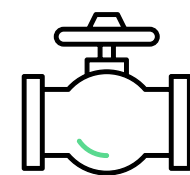
MARKETS AND APPLICATIONS



Structural steel & construction



Metallic structures & rebars

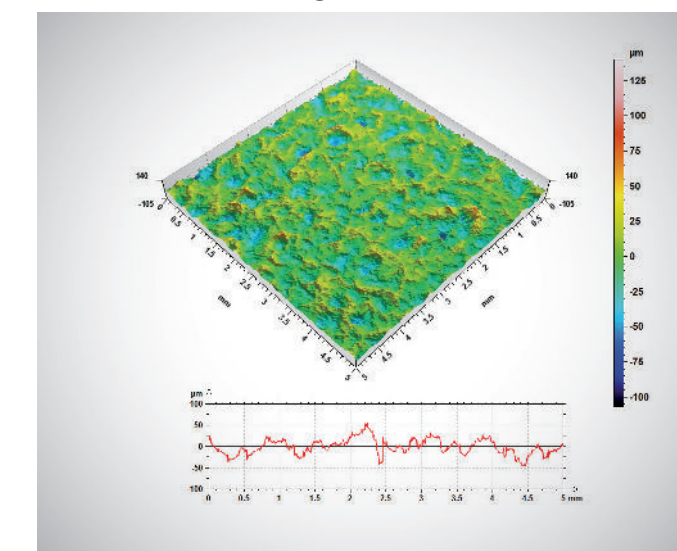


Pipelines & Energy sector



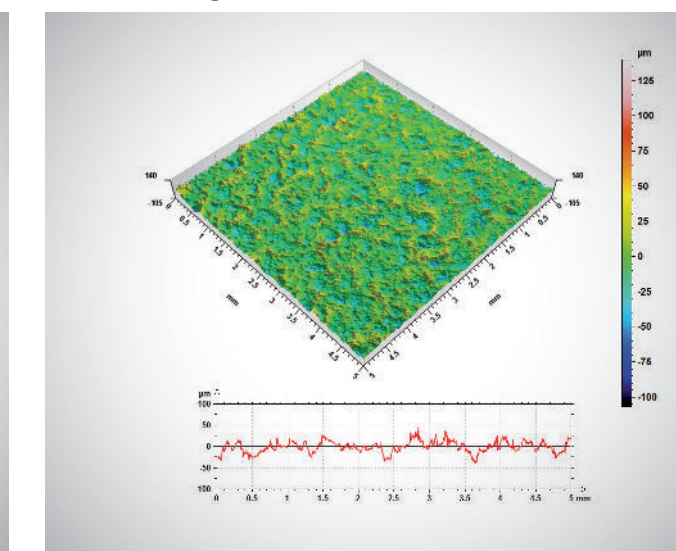
Automated Wheelblasting Machines

Standard SAE grit: +/-3,5 HRc



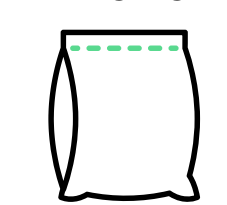
Rz : 77 μm – Rmax : 89 μm – Pc : 20,5 inches
> Heterogeneous surface profile due to wide hardness range

Surfium grit: +/-1,5 HRc

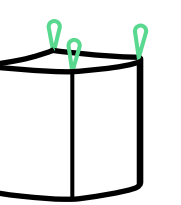


Rz : 74 μm – Rmax : 79 μm – Pc : 28 inches
> Homogeneous surface profile thanks to narrow hardness range

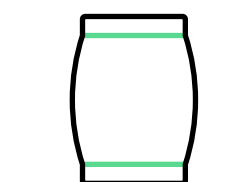
Packaging



BOXED BAGS
1000 kg (2,205 lb)
40 bags of 25 kg (55 lb) per pallet



BIG BAG
1000 kg (2,205 lb)



DRUM
Available on request

Customized packing available upon request

W Abrasives
by WinoA

