



# 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

### 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

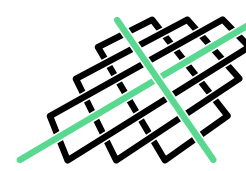
##### Superior Performances: generates savings compared to traditional GL abrasives

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

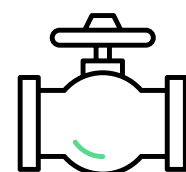
### MARKETS AND APPLICATIONS



Structural steel  
& construction



Metallic structures  
& rebars



Pipelines &  
Energy sector



Automated  
Wheelblasting  
Machines

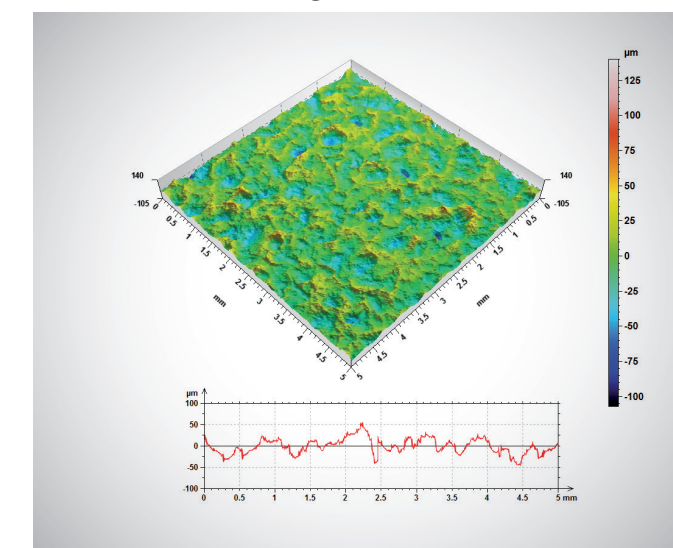
### SPECIFICATIONS

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 <sup>3</sup>			
Chemical composition	C ≥ 0.80%, Si ≥ 0.40%, 0.60% ≤ Mn ≤ 1.20%, S ≤ 0.05%, P ≤ 0.05%			
General shape	Angular			

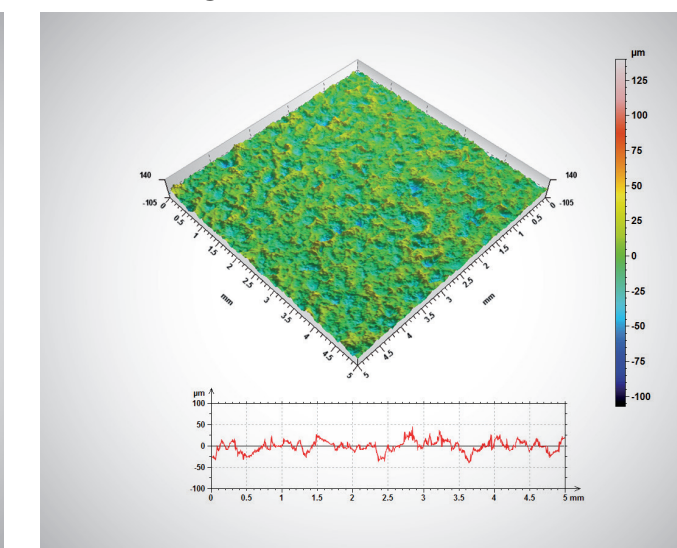
\*Document for informational purposes only. Not contractual. Contact your local representative for latest version of the technical data sheets.

#### Standard SAE grit: +/-3,5 HRc



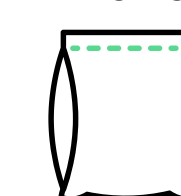
Rz : 77 µm – Rmax : 89 µm – Pc : 20,5 inches  
> Heterogeneous surface profile  
due to wide hardness range

#### Surfium grit: +/-1,5 HRc

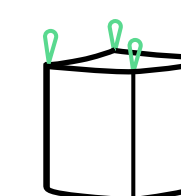


Rz : 74 µm – Rmax : 79 µm – Pc : 28 inches  
> Homogeneous surface profile thanks  
to narrow hardness range

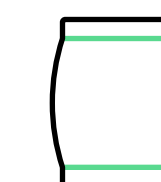
#### Packaging



**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

