



# STELUX CG

## Stainless Steel Grit designed for surface preparation and roughing profiles.

Due to its high mechanical performance and lifetime, STELUX CG offers a real ecological alternative to other surface preparation solutions, such as blasting with aluminum oxide, garnet and other mineral abrasives, which generates much more waste and dust emissions.



Non – ferrous contamination



100% recyclable  
100x reusable



Improved working conditions



### USERS BENEFITS

#### Ferrous Free Contamination

Does not create ferrous surface contamination due to its composition.

#### Environment friendly

Reduces waste and dust, being recyclable hundreds of times.  
Better visibility and cleaner working environment. Complies with the strictest health and safety regulations.

#### Cost Reduction

Recyclability of the grit reduces total abrasive costs vs. garnet or aluminum  
Increased efficiency: reducing cycle and blast times, saving labor and productivity.

### PERFORMANCES

Improved coating performance due to cleaner & dust-free parts with optimized profile.

### MARKETS AND APPLICATIONS

Stainless steel castings, forgings and welded parts

Galvanized steel

Special alloys: Nickel-based alloys, Titanium alloys

Surface preparation for powder coatings application

Aluminium casting alloys and parts

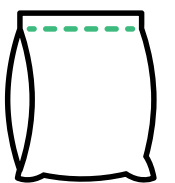
Non-ferrous metals castings and parts

Zinc pressure die castings

### SPECIFICATIONS

CHEMICAL COMPOSITION (WEIGHT %)	C ~ 2%, Cr ~ 30%, Si ~ 3.5%, Mn ~ 2%
SIZE	From 120 to 10 mesh 0.125 mm to 2 mm.
AVERAGE HARDNESS (HRC)	58 ± 3 (650 HV)
SPECIFIC GRAVITY	≥ 7.0
SHAPE	Angular
MICROSTRUCTURE	Austenitic matrix with martensitic islands and chromium carbides

### Packaging



BAGS

1000 kg box - 50 bags of 20 kg (44 lb)  
500 kg box - 25 bags of 20 kg (44 lb)

Customized packing upon request

### STELUX CG - CUMULATIVE SIZE DISTRIBUTION (%)

Mesh #	Sieve size mm	STELUX CG 200	STELUX CG 150	STELUX CG 100	STELUX CG 60	STELUX CG 50	STELUX CG 40	STELUX CG 30	STELUX CG 20	STELUX CG 10
7	2.80	AP								
8	2.36	Max 10	AP							
10	2.00		Max 10	AP						
12	1.70			Max 10						
14	1.40	Min 85			AP					
16	1.18		Min 85		Max 10	AP				
18	1.00			Min 85		Max 10	AP			
20	0.85						Max 10			
25	0.71				Min 85			AP		
30	0.60					Min 85		Max 10		
35	0.50									
40	0.425						Min 85		AP	
45	0.355								Max 10	
50	0.300									AP
80	0.180							Min 85		Max 10
120	0.125								Min 85	
200	0.075									Min 85

W Abrasives  
by Winoa

