

Technical data sheet

100% Stainless Steel **Needled Felts**

The "100% Stainless Steel Felts" are a needled felts produced with 100% Stainless Steel staple, with or without a Stainless Steel scrim (as core) for inside reinforcement.

It is used in the Glass Industry for the hot glasses transfer or for cover the moulds, in fact it is soft (doesn't mark the hot glass) and it resists at high temperature (until 750 °C); it is supplied in rolls.

It can be welded on the metallic supports.

Technical data

Raw material :	100% Stainless Steel AISI 316 L staple
Filament diameter :	12 micron
Chemical composition :	Fe 66/70%-Cr 16/18%-Ni 10/14%-other<3%
Max temperature :	750 °C
Rolls dimensions :	m. 1,5x10
Available Thicknesses :	mm. 1 (550 gr/sq.m.) without scrim; mm. 2 (1.000 gr/sq.m.) with S.S. scrim; mm. 3 (1.500 gr/sq.m.) with S.S. scrim mm. 5 (3.000 gr/sq.m.) with P-Aram. scrim
Colour :	Grey