



Stainless steel-aramid knitted braids

They are made of composite yarns made of a stainless steel - aramid blending.

This composition (50% stainless steel / 50% aramid) enables it to resist to high temperatures and prevents from marking the glass, from thermal shocks and from micro checks.

Compared to the cords, they provide a better resistance to abrasion.

The manufacturing technique provides a product that is very flexible, elastic, easy to handle, light and inexpensive.

Applications

- Glass industry: prehension and handling tools lagging

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Thermal properties

450 to 550°C: degradation of aramid fiber
1.400°C: fusion of stainless steel 316 L

Chemical properties

<u>Resistance</u>	<u>S.S 316 L</u>	<u>Aramid</u>
Acid:	low	low
Base:	good	low
Solvent:	good	good

Physical properties

	<u>S.S. 316 L</u>	<u>Aramid</u>
UV resistance:	good	low

Product specifications (example of one dimension)

<u>Diameter</u>	<u>Weight / meter</u>	<u>Packaging</u>
Ø 4 mm (+/- 10 %)	7 g/m (+/- 10%)	Bobbin of 100 m

Other dimensions: please contact us

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