



Panox-aramid fabrics

They are made of hybrid yarn (70/30 Preox/aramid) using Dref technology and reinforced by glass yarns, stainless steel filaments or Kevlar yarn as required.

They are very bulky, offer a good propensity for impregnation and coating, they are highly deformable and good thermal insulation agents. The fibres used are harmless for health

Applications

- Manufacture of heat-proof articles (heat screens, etc.)
- Impregnated or coated, they can be used to produce flexible seals (manhole seals)

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Thermal properties

400° à 500°C: panox fiber degradation
 450° à 500°C: aramid fiber degradation
 710° C: E glass melting
 1.400°C: fusion of stainless steel 316 L

Chemical properties

<u>Resistance</u>	<u>Panox</u>	<u>Aramid</u>	<u>E glass</u>	<u>S.S</u>
Acid:	medium low	med.	medium	
Base:	low	low	medium good	
Solvent:	good	good	good	good

Physical properties

	<u>Panox</u>	<u>Aramid</u>	<u>E glass</u>	<u>S.S.</u>
UV resistance:	good	low	good	good

Product specifications (example of some dimensions)

<u>Reinforcement</u>	<u>Width</u>	<u>Thickness</u>	<u>Weight/m²</u>	<u>Packaging</u>
E glass/St.steel	1.020 mm	1,5 mm	417 g/m ²	Roll of 50 m
E glass/St.steel	1.020 mm	2,0 mm	651 g/m	Roll of 50 m
Kevlar / St.steel	1.020 mm	1,7 mm	457 g/m	Roll of 50 m

Other specifications: please contact us.

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