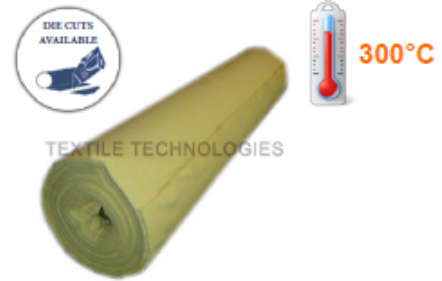


Para Aramid Felt Technical Datasheet

- Para aramid felt is made from 100% para-aramid fibres which have been mechanically needled to produce a dense, soft, strong and pliable felt.
- High tensile strength and abrasion resistant.
- Rated to **300°C** in optimum conditions.
- Non combustible, non melting, non flammable and inherently fire resistant.



Applications

- Close Proximity Heat Protective Material (Personnel).
- Inner lining for personal protection clothing exposed to high temperatures.
- Hot Glass Processing (Mark / Scratch Prevention).
- Reinforcement Material for FRP / GRP / Composite Applications.
- Abrasion Resistant Protective Barrier or Cushioning Application.
- Protective Skid Plates on Canoes & Kayaks.
- Break Lining on Indoor Exercise Bikes.
- Protective Pad wadding for other protective covers.

Technical Information

Technical Properties	120 g/m ²	170 g/m ²	190 g/m ²	240 g/m ²	360 g/m ²	450 g/m ²
Composition	100% Para Aramid (50% Virgin / 50% Regenerated)	100% Para Aramid (50% Virgin / 50% Regenerated)	100% Para Aramid (100% Virgin)	100% Para Aramid (50% Virgin / 50% Regenerated)	100% Para Aramid (50% Virgin / 50% Regenerated)	100% Para Aramid (50% Virgin / 50% Regenerated)
Weight (g/m ²)	120 g/m ² ±15%	170 g/m ² ±15%	190 g/m ² ±15%	240 g/m ² ±15%	360 g/m ² ±15%	450 g/m ² ±15%
Thickness (mm)	0.8mm ± 0.4mm	1.8mm ± 0.4mm	2.4mm ± 0.3mm	1.9mm ± 0.4mm	2.3mm ± 0.4mm	3.6mm ± 0.4mm
Width (mm)	1000mm	1000mm, 1800mm, 2000mm	1000mm, 1400mm, 1600mm	1000mm, 2000mm	1000mm, 2000mm	1000mm, 2000mm
Temperature Range (°C)	300°C	300°C	300°C	300°C	300°C	300°C

Further Information

Material Safety Data Sheet	Para Aramid Fibre MSDS
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Disclaimer

Any technical information stated within this technical datasheet is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Textile Technologies Europe Ltd materials described herein are sold subject to Textile Technologies Europe Ltd conditions of sale, a copy of which is available on request.