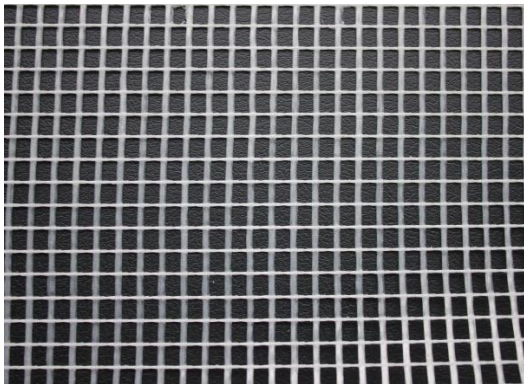


Technical Data Sheet

SPA FIBERGLASS MESH

Reinforcement of abrasive discs



SPA fiberglass mesh is made of glass twisted yarns or rovings, not impregnated.

Typical application: SPA fiberglass mesh is intended for reinforcing sand discs and other similar purposes.

Physical and mechanical properties

Property	Unit	SPA-80B	SPA - 100B	SPA - 120B	SPA - 120/1B	SPA - 150B	SPA - 170B	SPA - 260B
Weave		warp-knitting**						
Surface weight	g/m ²	80±10	100 +15/- 10	120±10	120±10	150±15	170±15	260±20
Tensile strength								
Machine Direction	N/5cm	≥450	≥540	≥580	≥580	≥800	≥882	≥1000
Cross-Machine Direction		≥450	≥540	≥580	≥580	≥800	≥882	≥1000
Yarns per 10 cm								
Machine Direction	pcs.	40±1	40±1	40±1	22±2	22±2	22±2	22±2
Cross-Machine Direction		40±1	40±1	40±1	20±4	20±4	20±4	20±4
Standard roll size								
width	cm	128, 146, 164 ± 1.5 cm*						
length	m	≥50*						

**warp-knit mesh comprises two perpendicular systems of rovings or glass yarns interknit with a polyester yarn. Thanks to uniform arrangement of warp yarns and weft yarns in warp-knit mesh (absence of bends in points of yarns intersection), there are improved tensile properties, evener surface texture of mesh and identical values of tensile strengths along warp and weft.

Technical Data Sheet

SPA FIBERGLASS MESH

Reinforcement of abrasive discs



Physical and mechanical properties (continuation)

Property	Unit	SPA 80	SPA - 100	SPA - 120	SPA - 120/1	SPA - 150	SPA - 170	SPA - 260
Weave		leno						
Surface weight	g/m ²	80±10	100 +15/- 10	120±10	120±10	150±15	170±15	260±2 0
Tensile strength								
longitudinal	N/5cm	≥450	≥540	≥580	≥580	≥800	≥882	≥1000
transverse		≥450	≥540	≥580	≥580	≥800	≥882	≥1000
Yarns per 10 cm								
Machine Direction	pcs.	80±2	80±2	80±2	40±2	40±2	40±2	40±2
Cross-Machine Direction		40±1	40±1	40±1	20±1	20±1	20±1	20±1
Standard roll size								
width	cm	128, 146, 164 ± 1.5cm.*						
length	m	≥50*						

Manufacture of the material with other physical and mechanical properties is accepted upon agreeing about with a consumer.

Advantages:

- ✓ Increased strength
- ✓ Improved adhesion to impregnating compounds



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