



Product Datasheet
Texturised Glass Fabrics

Weavelock Finish

Base Fabric:

Saveguard Texturised Glass Fabrics are manufactured from high performance 9 micron E' Glass filament texturised yarns. The glass filaments are assembled and voluminised by passing over high pressure air jets to produce a lofted yarn with outstanding insulation properties. These yarns are then closely woven to produce a soft, durable and flexible fabric that can be readily treated or coated to further enhance its properties.

Saveguard weavelock finish is an organic coating designed to improve fray resistance when sewing or handling, however the finish burns off at relatively low temperatures

Finish:

Low organic, anti-fray weavelock finish

Glass Yarns have a minimal amount of surface dressing to assist in processing, this is usually organic i.e. starch or silane and will disappear at temperatures above 200C.

Untreated Glass Fabrics are suitable for continuous use at temperatures of up to 550C however tensile strength continues to reduce noticeably as temperatures increase above 400C .

Properties:

Glass Fibres: are resistant to oils, solvents and most chemicals although contact with hydrofluoric acids, strong alkalis and live steam should be avoided.

are non combustible.

have a low thermal conductivity.

Finish: Low organic, anti-fray weavelock finish

Colour White

Technical:

Fabric Weight	630 gsm	1115 gsm	2000 gsm
Weave	Plain	Plain	Twill
Warp Yarn	ECT9 560 tex	ECT9 1440 tex	ECT9 1415 tex
Weft Yarn	ECT9 560 tex	ECT9 1030 tex	ECT9 1250 tex
Threads 10/cm	64 Warp/50 Weft	56 Warp/32 Weft	100 Warp/50 Weft
Thickness	0.9mm +/- 10%	1.7mm +/- 10%	3mm +/- 10%
Width	100cm	100cm	100cm
Roll Length	50m	50m	50m

Availability:

Chemical:

E'Glass	SiO2	54.1%	Al2O3	15.3%
	CaO	17.3%	MgO	4.7%
	Na2O	0.6%	B2O3	8.0%

Typical Applications:

Cover material for Tadpole seals
Insulation layers in expansion joints
Insulation mattress/jacket cover material

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