



Product Datasheet

Glass Fibre Tapes

Webbing and Ladder Tapes

Construction:

Saveguard Texturised Glass Webbing is 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 tape suitable for a wide range of thermal insulating and high temperature sealing applications.

Properties:

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

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

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

have a low thermal conductivity.

are suitable for use at temperatures up to 550 °C dependant on application

Colour: White

Chemical:

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

Availability:

Glass Webbing					
Width	25mm	40mm	50mm	75mm	100mm
Coil Length	30m	30m	30m	30m	30m
Wt/metre @ 3mm thick	50g	80g	100g	150g	190g
Wt/metre @ 6mm thick	140g	220g	270g	410g	540g

Glass Ladder Tape					
Width	25mm	40mm	50mm	75mm	100mm
Coil Length	30m	30m	30m	30m	30m
Wt/metre @ 3mm thick	47g	76g	95g	142g	181g
Wt/metre @ 6mm thick	133g	208g	256g	388g	515g

Typical Applications:

Hose and cable protection
Gasketing for hot duct flanges
Insulating wrap for pipework

Issue No:	1	Page: 1 of 1	Dated: 22nd May 2000	File Ref: prodata\tapes\glass\	.pub
-----------	---	--------------	----------------------	--------------------------------	------

The information on this Data Sheet is strictly for guidance only and while provided in good faith cannot be guaranteed. The company reserves the right to alter or update this data as and when additional information is received. The Company's products are used in a wide range of applications over which the Company has no control therefore the Company excludes all conditions or warranties whether expressed or implied as to the fitness of the product for any particular purpose. Customers must establish product suitability via their own tests