



Product Datasheet

Ceramic Fibre Tapes

Webbing and Ladder Tapes

Construction:

Saveguard ceramic fibre woven webbing and ladder tapes are manufactured from high performance ceramic fibre yarns re-inforced with either a wire or glass filament. Saveguard ceramic fibre yarns are produced on traditional textile machinery by carding high purity 1260 grade ceramic fibres with a percentage of cellulose fibre to assist in the processing. The yarns are then spun and combined with the relevant re-inforcing media to improve the tensile strength at extended temperatures. The organic content will burn off at temperatures above 200C without affecting the properties of the ceramic fibre however adequate ventilation should be provided during this initial heating. Where tensile strength is important the temperature limitations of the re-inforcing media should be considered.

Properties:

Ceramic 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 1260 °C dependant on application

Colour: White

Re-inforcement

E' Glass filament: -Suitable for temperatures up to 550C

Temp Limitations:

Chrome Steel Wire -Suitable for temperatures up to 1000C

Nickel Chrome Alloy Wire 601: -Suitable for temperatures up to 1091C

Chemical:

Alumino-Silicate	80%	Al ₂ O ₃	46%
		SiO ₂	53%
Cellulose	20%		Tolerance +/- 5%

Availability:

3 mm thick Tapes and Webbing					
Width	25mm	40mm	50mm	75mm	100mm
Coil Length	25m	25m	25m	25m	25m
Wt/metre - Webbing Tape	38g	60g	75g	113g	150g
Wt/metre -Ladder Tape	36g	57g	71g	107g	142g

6 mm thick Tapes and Webbing					
Width	25mm	40mm	50mm	75mm	100mm
Coil Length	25m	25m	25m	25m	25m
Wt/metre - Webbing Tape	75g	120g	150g	226g	300g
Wt/metre -Ladder Tape	80g	128g	160g	240g	320g

Typical Applications:

Ductwork Flange Gasketting
 Furnace and boiler door seals
 Cable and Pipe Protection

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