



TEMTEX™ 420/SG1



Description	Marine glass fabric, one side coated with a flame retardant, chemical resistant silicone rubber coating.			
Applications	- Insulation mattresses		- Welding shields	
	- Smoke curtains			
Approvals				
Characteristics of Temtex 420/SG1				Test method
Total weight	g / m ²	500	± 5%	DIN 53854
Width (std)	mm	1000	± 15	DIN 53851
Thickness	mm	0.44	± 0.02	ISO 4603
Roll length (std)	m	50		
Max. application temperature	°C	250		
Min. application temperature	°C	-50		
Remarks				

Fabric structure				
	Unit	Data	Tolerance	Test method
Base fabric		E-Glass		
Weight	g / m ²	420	± 5%	DIN 53854
Weave		Twill 1/3		
Setting	per cm	19.0 x 11.0	± 3%	DIN 53853
Warp	Tex	EC9-68 S x 2	± 5%	DIN 60850 T.2
Weft	Tex	EC9-68 S x 2	± 5%	DIN 60850 T.2
Tensile strength (warp x weft)	N/cm	860 x 500		DIN 53857
Coating / Finish	Silver-grey silicone (standard). Also available in orange, white, red and black.			
Weight	g / m ²	80	± 5%	DIN 53854
1 or 2 sided		1		

Tensile strength data refers to loomstate fabrics. Stability, thickness and surface weight vary according to the type of fabric finish. The given values are approximate and not guaranteed.