



Product Specification TEFSHIELD 14 Black Natural

Taconic's Tefshield product range is specially designed to reduce heat loss through insulated equipment. Tefshield insulation jackets are easy to remove and install, can be custom designed to fit your equipment and are key to providing a safe and economical working environment. The thermal properties and chemical resistance of the high performance coating in Tefshield are key characteristics as it readily resists contamination by water, oily fluids and accidental chemical spillages at high temperatures. Tefshield will not spread flames, generates virtually no smoke, and under conditions of flame contact, will add very little fuel to the fire, making it an ideal choice as insulation jacketing material. Tefshield 14 Black Natural has a black PTFE coating on one face and no coating on the other side, and a standard width of 1500mm.

Product Properties	Units	Value	Tolerance	Test Method
Reinforcing Substrate		E-GLASS		
Coating Type		PTFE		
% Coating	%	28.5	+/-2%	
Total Coated Weight	g/sqm	580	+/-5%	
Nominal Thickness	microns	360		
Coating Adhesion Strength	N/5cm	30	Typical	ISO 2411
		25	Minimum	
Tensile Strength	N/5cm	4000	Typical Warp	ISO 1421
		3500	Minimum Warp	
		3500	Typical weft	
		3000	Minimum weft	
Tear Strength	N	250	Typical Warp	ISO 9073-4
		200	Minimum Warp	
		200	Typical weft	
		150	Minimum weft	
Surface Resistivity	Mega Ohms	1	Maximum	EN 61340-2-3
Operating Temperature	°Celsius	-73° to +260°		

Information contained in this document is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge or control. All data is subject to change without notice.



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