TACONIC

FINDING A BETTER WAY

TefShield

Taconic's perfect insulation jacketing material

High performance PTFE insulation jacket materials are designed to control heat gain and loss due to thermal or chemical exposure in industrial applications. Gas and steam turbines, heaters and control valves are typical applications where TefShield insulation jacket materials are suitable.

PTFE coated materials are desired in these applications due to their excellent mechanical strength, high temperature tolerances, minimal vibration fatigue and flexible properties. TefShield contains a PTFE coating to one or both sides of woven glass fabric. The composition of insulation jacket materials will depend on the demands of the specific application.

Features
- Excellent mechanical strength
- Flexible
- Temperature resistant
- Minimal vibration fatigue
- Chemically inert

Applications
- Gas, steam turbines
- Heaters
- Control valves

Taconic's TefShield product range is specially designed to reduce heat loss through insulating pipes and equipment. The insulation jackets are easy to remove and install, can be custom designed to fit your specific type and size of equipment or pipe and are key to providing a safe and economical working environment. The product is available in grey or black with a PTFE coating on one or both sides. The thermal properties and chemical resistance of the high-performance coating in the material are key characteristics as it readily resists contamination by water, oily fluids and chemical spillages including at high temperatures. TefShield will not burn, generates virtually no smoke under conditions of flame contact making it an ideal choice as insulation jacketing material in high temperature applications.

Standard TefShield Product Range

	Standard Width	Nominal Thickness mm	Weight g/m2
		1 side coated products	
TefShield 14 Grey/Natural	1500mm	0.360	580
Tefshield 14 Black/Natural	1500mm	0.360	580
		2 side coated products	
TefShield 14 Grey/Grey	1500mm	0.400	630
TefShield 14 Black/Black	1500mm	0.400	630

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. All values are typical. Technical data sheets for all products are available on our website.

TefShield 14 can also be made in a variety of alternative colours to meet your specific demands as well as in other thicknesses and weights. Please contact us for further details.

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ENVIRONMENT ISO 14001:2015 NSAI Certified | QUALITY ISO 9001:2015 NSAI Certified

Our European Sales Team is ready to serve your needs.
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