



TAC-FOIL 880 (BS/TS) – CLASS “O”

FIRE RETARDANT GRADE

DOUBLE-SIDED ALUMINIUM INSULATION FOIL
REINFORCED WITH GLASSFIBRE SCRIM

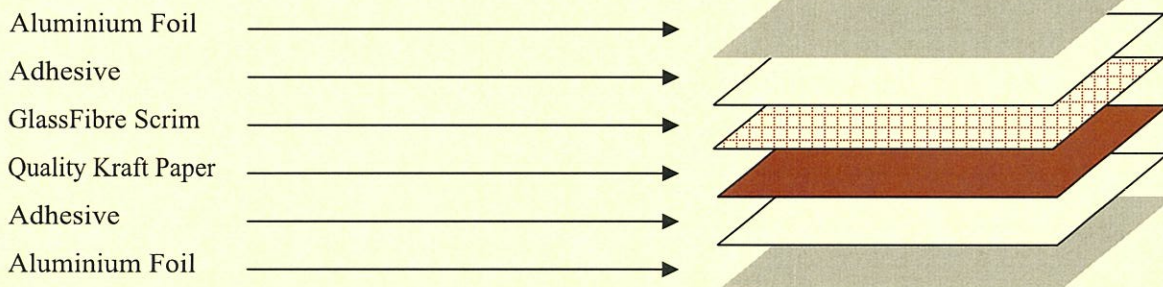
PRODUCT DESCRIPTION

TAC-FOIL 880 (BS/TS) – CLASS ‘O’ is an almost inflammable six layer laminate thermal insulation foil reinforced with glassfibre scrim. It is designed for extreme heat insulation and has been classified as CLASS ‘O’ tested in accordance to British Standard 476 Part 6 and 7 for Fire Safety Hazards Requirement. Excellent thermal insulation capability, effective water vapour barrier, high tensile strength and durability are some of its outstanding characteristic that contributes to enhance the values of the building.

APPLICATIONS

Specially designed as flame retardant barrier for air-conditioning, duct insulation, petro-pipe heat insulation, steam pipe heat insulation and roofing applications.

TECHNICAL DATA SHEET



TECHNICAL VALUES

Properties	Standard	Units	Value TAC-FOIL 880 (BS/TS)
Grammage	Electronic Scale	GSM	190 – 210
Thickness	Digital Caliper	MICRON	210 – 250
Tensile Strength	- MD ASTM D882 - 02	N/25MM	136 – 160
	- CD ASTM D882 - 02	N/25MM	72 – 100
Initial Tear Strength	- MD ASTM D1004	N	18 – 22
	- CD ASTM D1004	N	30 – 35
Elongation	- MD ASTM D882 - 02	%	2.0 – 2.8
	- CD ASTM D882 - 02	%	3.0 – 3.7
Puncture Resistance	ASTM 1306	N	20 – 23
Water Vapour Transmission Rate	ASTM 1249 - 06	g/m ² /day	0.13 – 0.35
Reflectivity	ASTM C1371 – 97	%	95
Classification of Fire Hazard	BS 476: Part 6 & 7	Class	0

Technical information provided represents average result of tests conducted under standard procedure and are subject to variation. No guarantee can be made regarding specific applications or patent rights.

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