

**TAC-FOIL
TAC-450FR**

FIRE RETARDANT GRADE CLASS “0”

High-tensile double-sided radiant barrier foil reinforced with fibreglass scrim

PRODUCT DESCRIPTION

TAC-450FR is a fire retardant (Class ‘0’) eight (8) layer thermal insulation foil laminated with both sides pure aluminium foil reinforced with fibreglass scrim. Fibreglass scrim, a product of glass fibre filament enhances the property of fire retardancy and provides greater tensile strength. TAC-450FR classified as CLASS ‘0’ in accordance to British Standard 476 Part 6 and 7 for Fire Safety Hazards Requirement.

TAC-450FR almost inflammable property can either be used on its own or laminated onto other insulation materials. The property of its double layer pure aluminium added to its thickness enhance the reflective index while the fibreglass scrim and high quality kraft paper increases its tensile strength.

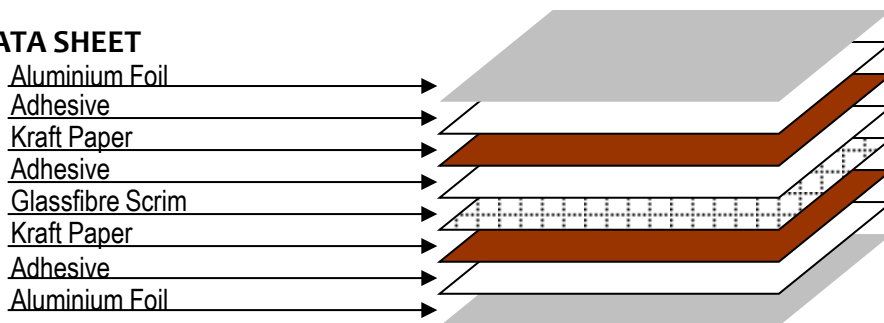
TAC-450FR is light in weight, high tensile strength, heavy duty in performance and does an excellent job at providing thermal insulation for roofing system.

APPLICATIONS

Its incombustible materials do suites well for pipework and ducting insulation such as air-conditioning, petro-pipe, steam pipe and so on. Can be used for general insulation for all types of building insulation.

No wire netting is required.

TECHNICAL DATA SHEET



Properties	Standard	Units	Value TAC-Foil 450FR
Grammage	Electronic Scale	GSM	215 – 235
Thickness	Digital Caliper	micron	270 – 330
Tensile Strength – MD	ASTM D882 - 02	N/25mm	180 – 200
CD	ASTM D882 - 02	N/25mm	100 – 120
Initial Tear Strength – MD	ASTM D1004	N	34 - 40
CD	ASTM D1004	N	40 - 46
Elongation - MD	ASTM D882 - 02	%	3.0 – 4.0
CD	ASTM D882 - 02	%	3.3 – 4.0
Puncture Resistance	ASTM F1306	N	25 - 28
Water Vapour Transmission	ASTM F1249 – 01	g/m²/day	0.15 – 0.3
Reflectivity	Supplier’s Specification	%	95
Classification of Fire Hazard	BS476 : Part 6 & 7	Class	0

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

Head Office: Plot No.216(B), Lorong Perindustrian Bukit Minyak 11, Mukim 13, 14100 Seberang Prai Tengah, Pulau Pinang, Malaysia

Tel: 604 – 5011 999

Fax: 604 – 5011 991

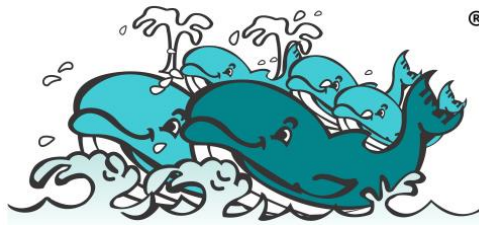
Email: enquiry@foil-laminate.com

P.J. Office: 11 (Grd Flr), Jalan PJS 9/5, Bandar Sunway, 46150 Petaling Jaya, Selangor, Malaysia

Tel: 603- 5621 4868

Fax: 603-5621 4878

Email: sales@foil-laminate.com



TAC-FOIL

TAC-450FR

FIRE RETARDANT GRADE CLASS "0"

High-tensile double-sided radiant barrier foil reinforced with fibreglass scrim

PRODUCT PHOTO



ADDITIONAL CERTIFICATION



Head Office: Plot No.216(B), Lorong Perindustrian Bukit Minyak 11, Mukim 13, 14100 Seberang Prai Tengah, Pulau Pinang, Malaysia

Tel: 604 – 5011 999

Fax: 604 – 5011 991

Email: enquiry@foil-laminate.com

P.J. Office: 11 (Grd Flr), Jalan PJS 9/5, Bandar Sunway, 46150 Petaling Jaya, Selangor, Malaysia

Tel: 603- 5621 4868

Fax: 603-5621 4878

Email: sales@foil-laminate.com

www.foil-laminate.com