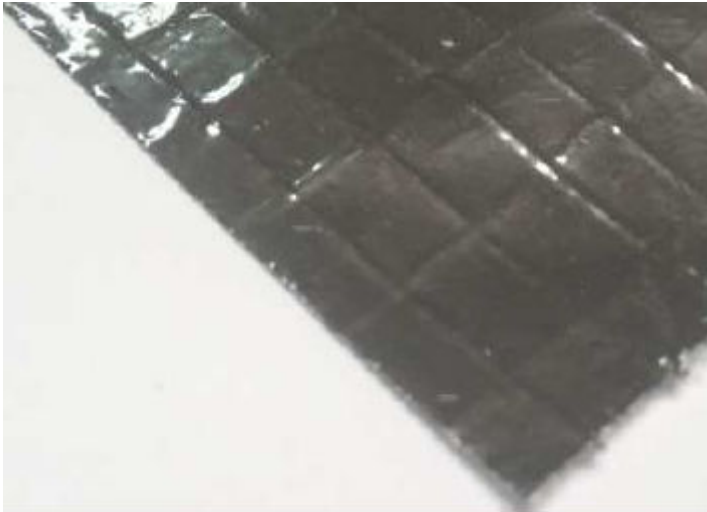


PRODUCT DATA SHEET

FMP.SC REINFORCED ALUMINIUM FOIL



GENERAL

FMP.SC is a three ply laminate consisting of a fibreglass scrim bonded between a layer of aluminium foil and polyester film with a thermosetting flame retardant adhesive.

FMP.SC is suitable as a flexible duct jacketing material.

CONSTRUCTION

Foil:	9 μ aluminium $\pm 10\%$
Film:	12 μ metalised polyester
Reinforcement:	4 x 3 fibreglass scrim
Weight:	61 g/m ² $\pm 10\%$
Thickness:	0.13mm $\pm 10\%$

PROPERTIES

Tensile strength:	Warp: 230 N/50mm Weft: 230 N/50mm	FED STD 191/5102
Tear strength:	Warp: 900mN Weft: 1000mN	ASTM-D-1424-63
Punctures resistance: (Beach)	50 units	ASTM-D-781-65T
Permeability	0.033 Perms	ASTM-E-96-66A
Corrosion resistance:	No corrosion after 20 days at 50°C and 95% RH	FED SPEC HMB-100B
Fire resistance:	Class1 BS476: Part 7: 1989	
Temperature Resistance:	-22°C to +150°C	