

PPC



Ref Data 6410

PPC Foamseal
Polyethylene Foam Self Adhesive Tapes
Technical Data Sheet

4410 –Thermal Break Tape

DESCRIPTION

A Black Polyethylene Foam with an adhesive one side used as a thermal break in steel frame homes as required in the BCA.

FEATURES & BENEFITS

- Conforms to fill in and seal between Flat and irregular surfaces.
- Powerful adhesive properties and high tack maintain positioning.
- Will still offer an R value of 0.2 when compressed to 6.5mm thick.
- Formulated from Chemically Cross-linked Polyethylene (IXPE) for high compression resistance.
- Good resistance to many chemicals, acids and solvents.

AVAILABILITY

PPC # 4410 Thermal Break tape 10mm thick only and widths from 12mm to 1000mm..

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Technical Data

Property			Units	Data	
					# 4410
Apparent Density			g/cm ³		.0313
Shrinkage (80 Deg C @ 1 hour)			%		-1.5
Shrinkage (80 Deg C @ 1 hour)			%		+0.9
Compression Set 25%	After 30min		% change in height		22
	After 24hrs				12
Water Absorption (7 days)			%		<0.5
Tensile Strength	MD		Kg/cm ²		2.9
	CMD				2.6
Percentage Elongation	MD		% length		112
	CMD				136
Mean Thermal Resistance		AS 4859.1.2002	W/M ²		0.356
Service Temperature		N/A	°C	-10 to 90	
Application Temperature		N/A	°C	10-40	
Ring and Ball (Tack)		PSTC - 6	°C	104	
180° Peel Adhesion		PSTC - 101	kPa	N/A (greater adhesion than tensile strength)	

NOTE

It is essential that this product be fully evaluated under the intended conditions before use. Changes in end-use conditions may require re-evaluation of the product under those conditions. Values quoted in this document are known typical values for this product and may vary. Please contact Precision Paper Coatings PTY LTD for any technical assistance.