



Ref Data 8305

PPC Foamseal - Polyethylene Foam Self Adhesive Tapes **Technical Data Sheet**

8305 5mm Thick Black Linerless IXPE Foam Tape

DESCRIPTION

This versatile, closed cell foam tape is used for a variety of applications.

FEATURES & BENEFITS

- High tack aggressive acrylic adhesive
- Linerless construction for ease of use 'on-site' and to prevent unwinding or entanglement.
- Flexes to fill in and seal irregular surfaces.
- AS4254.2 2012 (Ductwork for Air Handling Systems in Buildings) which was mandated in the BCA 2013 (Building Code of Australia).
- Structure completely seals out air, moisture, light and dust when compressed by only 30%.
- Formulated from Polyethylene (PE) for high chemical and compression resistance.
- Insulates against temperature, sound and vibration.
- Resistant to many chemicals, acids and solvents and will resist breaking down over time.

Main applications:-

- Forms a positive air tight seal between air conditioning duct flanges
- Used in the roofing industry as a purlin tape, cushioning where safety mesh is used in the roof systems or where there is a requirement to separate two dissimilar metals to prevent electrolysis.



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Technical Data

Property	Test Method	Units	Data	
				#8305
Density	ASTMD-1667	Kg/m ³		39
Hardness	ASTMD-2240	Shore 00		30
Force to Compress 25%	ISO 844	kPa		35
Compression Set 25%	After 5hrs	ISO 1856C	% change in height	19
	After 24hrs			10
Water Absorption (7 days)	House	% of volume	<0.5	
Tensile Strength	Longways	ISO 1926	kPa	305
	Across			205
Percentage Elongation	Longways	ISO 1926	% length	150
	Across			160
Thermal Conductivity (K factor)	@10°C	ISO 2581	w/mK	0.030
	@40°C			0.035
Service Temperature	House	°C	-40 to 80	
Application Temperature	House	°C	10-45	
Ring and Ball (Tack)	PSTC - 6	°C	104	

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.