

DESCRIPTION:

VTACK™ 4400 is a premium elastomeric EPDM closed cell rubber foam tape primarily designed for industry professionals to be used in both internal and external applications for sealing, gasketing, weather stripping and vibration dampening.

The VTACK™ 4400 is coated with our powerful VTACK™ acrylic adhesive on one side and adheres well to a broad range of surfaces including metals, plastics, and wood.

The VTACK™ 4400 series EPDM is manufactured under an ISO 9001 Management System in Australia with globally sourced raw materials.

**FEATURES & BENEFITS:**

- Long life elastomeric foam
- UV resistant, ideal for outdoor sealing applications
- Condensation protection
- Long term reliability
- An initial quick-stick helps speed up application
- Helps maintain a seal in high movement joints
- Can be custom converted to accommodate a full range of projects.
- Long lasting acrylic adhesive on one side
- Excellent weathering and ageing
- Prevents heat loss and noise between steel frames
- An easy unwind for fast application
- Excellent holding power and high load capability
- Conforms well to a variety of irregular surfaces
- Die-cuts easily for custom sizing

TECHNICAL DATA:

Material	Values	Test Method
Dimensions	1.5mm – 20mm(thick) x any width	--
Adhesive Type	UV Stable Acrylic Pressure Sensitive (PSA)	--
Peel Adhesion Strength (N/25mm)	20 N/25mm	PSTC-101 ASTM D 3330
Hardness (Shore OO)	35~55	KSM 6660
Density (kg/m³)	110	ASTM D3574
Compression set (after 30min)	8 %	KMS 150 1816:2002 (C Type)
Compression Deflection (kPa)	40 ± 10	ASTM D1056
Tensile Strength (kPa)	400	ASTM D412
Elongation (%)	200	JIS K6767:1998
Ozone, Ageing & UV Resistance	Excellent	ASNZ 2433
Service Temperature Range (°C)	- 30° C to + 105° C	ASTM C518-17
Linear Shrinkage (%) (oven 70°C / 22hrs)	5	DIN EN ISO 1798
Combustion Characteristics (FMVSS-302)	PASS	FMVSS-302
CFC & HCFC Contents	Free	--
REACH (1907/2006)	Conforms	--
ROHS (2002/95/CE)	Conforms	--
IP Rating (IP64 protected against dust and water)	Conforms	Closed Cell – IP64
Water Absorption (g/cm³)	0.01	ASTM D570
Flammability (ASTM D635-91)	Pass-Compliant	ASTM D635-91
Early Fire Hazard Test (AS 1530 part 3-1999)	(Pass)	AS 1530 Part 3-1999
Thermal Conductivity (W/mK)	0.05	ASTM C518-17
Thermal R-Value (does satisfy the BCA thermal break requirements at 10mm thick)	R0.2 (result at 10mm thick)	ASTM C518-17
National Construction Code (NCC)	COMPLIANT At 10mm thickness, material is compliant to the requirement stipulating the incorporation of an R0.2 thermal break in applications where thermal bridging will occur.	
Standard Colour	Black	--

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