

TECHNICAL DATA SHEET

Flexicell NBR Foam Gasket & Insulation Tapes

Product Description:

NBR (Nitrile Butadiene Rubber) Foam Tape consists of a soft & flexible closed-cell NBR foam coated with a medium strength adhesive and laminated to a brown silicone release paper liner. The tape has excellent flexibility which is suitable for thermal insulation and duct gasket purposes.

Backing	Adhesive	Color	Release Paper
Closed cell NBR foam	Solvent Acrylic PSA	Black	Brown



Available Thickness:



3 mm Thickness

6 mm Thickness

9 mm Thickness

Features:

- Excellent flexibility & conformability to a wide variety of surfaces.
- Provides a very good service temperature range.
- Adheres well to a variety of surfaces.

Applications:

- NBR foam tape can be used for hot or cold pipe wrapping.
- Recommended for insulation purposes due to its high flexibility and conformability.
- Used for gasket purpose.
- NBR foam tape will act as a water and air/dust seal when compressed.
- Use for refrigeration, air conditioning and other related applications.

Product Specifications:

Properties	Unit	Specifications	Test Method
Backing Thickness	mm	3 / 6 / 9 ± 1	ASTM - D3652
Adhesion To Steel	g/inch	≥ 700	ASTM - D3330
Tensile Strength	N/inch ²	≥ 210	ASTM - D3759
Elongation at Break	%	≥ 155	ASTM - D3759
Density	kg/m ³	60 - 70	ASTM - D1667
Temperature Range	°C	-5 to +65	Lab Test
Thermal Conductivity	w/mk	0.0345	ASTM – C518
Water Vapor Permeance	perm.inch	0	ASTM – E96
Compression Set	%	31.23 (for 25 mm T)	ASTM – D3574
VOC content	mg/kg	73.00	USEPA 8260

Product Packaging:

Width (mm)	Rolls / Box
50	24



Note: The above mentioned sizes are standard sizes. Width can be customized as per customer requirement.

Application Instructions:

Before applying, the surface must be free from oil, solvent, water and dust. For best product performance, apply the tape at room temperature between 15°C and 45°C.

Storage:

Store under normal room temperature and 50% RH in the original packaging.

Shelf Life:

Use within 12 months from the date of manufacturing.

Information on the above characteristics is based upon the tests we believe to be reliable. The values given are typical values that vary according to application conditions; however, it is essential that customers always evaluate the product under their conditions before large-scale use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the suitability for a particular use or purpose are made.



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