

TECHNICAL DATA SHEET

DAN76 Series Foam

PRODUCT:	DAN76 Series Foam
DESCRIPTION:	Medium density closed cell polymeric foam
APPLICATIONS:	<ul style="list-style-type: none">• Revolutionary in composition, this product competes favourably with high end rubbers such as EPDM, Nitrile, SBR and, depending on application, high density urethane foams• Specially designed for sophisticated industrial, automotive, medical and construction applications• Suitable for use where excellent dimensional stability, cushioning properties or vibration dampening properties are required

TECHNICAL SPECIFICATIONS:

Release Liner	Paper
Backing Material	Medium density closed cell polymeric foam
Adhesive Type	Acrylic
Density	240 kg/m ³
Tensile Strength (ASTM D412)	620 kPa
Elongation (ASTM D412)	260%
Hardness – Shore 00 (ASTM D2240)	35
Compression Deflection @ 25% (ASTM D1056)	41 kPa
Compression Set @ 50% (ASTM D1056)	12% loss from original height
Water Absorption	1.2%
Thermal Conductivity (K factor)(ASTM C518)	0.043 W/m K
Service Temperature	-40°C to +105°C
Application Temperature	+10°C to +43°C
Colour Available	Black
Sizes Available	6mm / 9mm / 12mm / 18mm / 24mm with slitting available
Thicknesses Available	1.6mm

STORAGE:	Cartons should be sealed and stored away from direct sunlight at temperatures between 15°C to 30°C
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PRODUCT PROPERTIES:

- No out-gassing at ambient temperature
- Does not go brittle or exhibit loss of properties over time and wide temperature ranges
- No plasticizer migration
- Maintains physical properties under various sterilisation conditions
- Totally unaffected by harsh chemicals such as petrol, oil, hydraulic or brake fluid, alcohol, antifreeze and most acids
- Resistant to fire, UV, fungi, weather and oxidation

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It is the customer's responsibility to ensure that a particular product with the properties described in this product specification is suitable for use in a specific situation. No warranty, representation or guarantee is given by us regarding the suitability of this product for any particular use. The physical and performance characteristics shown are averages obtained from tests as per PSTC, ASTM and our own internal procedures. A particular roll may vary from these averages. It is suggested that the customer determine the suitability for their own purpose by conducting a rigorous trial process.

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