

## 749 Series Polyethylene Foam Tape

### Features

The 749 Series is a cross-linked, closed-cell polyethylene foam tape. It repels water, dust, and acts as a noise dampener. It is resistant to a wide variety of chemicals and is food compatible (FDA approval No. CFR 178.3010). It has excellent strength and is resistant to weathering, ageing and fungi.

### Technical Information

<b>Backing Material</b>	Irradiation cross-linked closed-cell P.E. foam
<b>Colours</b>	Grey / White
<b>Adhesive Type</b>	Acrylic
<b>Nominal Density (DIN 53420)</b>	33kgs/m <sup>3</sup>
<b>Compression Strength (DIN 53572)</b>	7N/cm <sup>2</sup>
<b>Unyielding Deformation (DIN 53572)</b>	23%
<b>Water Tightness</b>	100% at < 10% compression
<b>Water Absorption after 2 hours, 4cm below surface, tape not compressed (DIN 53428)</b>	0.7% (Vol) after 7 days 0.8% (Vol) after 28 days
<b>Tensile Strength (DIN 53571)</b>	10N/25mm per mm thickness
<b>Tear Resistance (DIN 53575)</b>	2.9N/mm
<b>Elongation at break (DIN 53571)</b>	175%
<b>Thermal Conductivity (sq.ft(hr)Deg. F)</b>	0.25btu/in.
<b>Temperature Resistance</b>	-80°C to 80°C Service temp.
<b>Flame Retardancy</b>	Complies with FMVSS 302*

\* In 6mm thickness or greater

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