

Closed Cell Foam

UNISEAL 2000 is a closed cell foam gasket/sealing material with resistance to UV, Ozone and extreme environments. Uniseal is sulphur free and made of low volatile condensable material compatible with LED enclosures, such as streetlight assemblies.

Uniseal 2000 is Halogen and CFC free with excellent sealing and anti slip properties. It is particularly suited to sealing against Air, Dust, Water for commercial, aerospace, automotive and medical applications.

Features

- Closed cell foam gasket
- Halogen and CFC free
- Sealing and Anti-slip properties

Availability and Storage

- Supplied in custom die-cut preforms and shapes
- Available in a variety of thicknesses to suit individual application requirements

Benefits

- Resistance to UV, Ozone and Extreme environments.
- Free of Sulphur and plasticizer.
- Excellent anti-slip properties

Recommended Uses

- Gaskets, sealing against water, air, dust and moisture
- Anti slip pads and feet
- Touch screen mounting
- Battery cushioning

Physical Properties

Property (unit)	Test Method	UNISEAL 2000
Total Thickness – includes compound and substrate (mm)	Visual	1–10
Density (kg/m3)	Visual	100-140
Flame Resistance	FMVSS302	Self Extinguishing
Colour	Visual	Black
Tensile Strength (kPa)	ASTM D 412	<580 – 600

Mechanical Properties:

Property (unit)	Test Method	UNISEAL 2000
Water Adsorption – Max Weight Change (%)	ADTM D 1056	<2
Comp. Set (23 deg +/-2 deg C) (%)	ASTM D 1056	<5 - 25
Elongation (%)	In House	<200 – 250
Continuous Temp. Range (°C)	In House	-40 to +85
Maximum Temp. (°C)	In House	+110



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