



Description

Eco Seal[®] Series products are specially formulated closed-cell foam tapes. This series can be considered for more sophisticated medical applications. This heavy density Eco Seal Series exhibits superior elasticity, conformability and drape properties. It is well suited for direct skin contact medical applications.

Revolutionary in composition, Eco Seal[®] Series

products compete favorably with high end rubbers such as EPDM, Nitrile, SBR Blends, ECH, EPT and (depending upon the application) heavy density urethane.

Gaska Tape's Eco Seal[®] Series foams exhibit good conformability with excellent dimensional stability, cushioning properties and vibration dampening qualities.

Performance Characteristics

- With a service temperature variance from -30 °F to 250°F, it's an excellent product for protection of materials over these broad temperature ranges.
- Totally unaffected by harsh chemicals such as gasoline, oil, hydraulic fluid, brake fluid, alcohol, and anti-freeze, as well as sulfuric acid, nitric acid, and hydrochloric acid.
- Does not become brittle or exhibit loss of properties over time and wide temperature ranges.
- UV and Oxidation resistant.
- Plasticizer migration virtually eliminated to eradicate marring, crazing, or cracking problems.
- Maintains physical properties under various sterilization conditions.
- ESL3000 is available on a polyester carrier.
- Tan color is standard.
- Other colors available upon request.

Industry Applications

- Medical
- Industrial
- Retail

- Available with A3 adhesive, an aggressive acrylic that provides an excellent combination of tack and holding power that bonds quickly to most surfaces that are kept clean, dry and free from contamination.
- No outgassing at ambient temperature.
- Available with skin on two sides, for better adhesive bonding to substrate materials, and with single or double sided acrylic adhesives.
- Inherently resistant to fire, ultraviolet rays, most chemicals, acids and solvents.

Eco Seal Series

ESL3000

Roll Sizes

Available Thicknesses:
.020" - .125" (0.5mm - 3.2mm)

Available Widths:
.375" - 57" (9.6mm - 1448mm)

Available Lengths:
25' - 302' (7.7M - 92M)

Benefits & Features

Characteristics common to all Gaska Tape flexible closed-cell foam products include the ability to make a long life seal against air, moisture, light and dust penetration. They cushion and absorb vibration and shock. They also insulate in thermal, electrical and sound applications.

Typical Physical Properties*

Test Method		ESL3000
ASTM D-1056	Density (lbs./cu.ft. ³) (kg/m ³)	30 480
ASTM D-2240	Hardness (shore 00)	54
ASTM D-1056	Force To Compress @ 25% (psi) kPa	23 159
ASTM D-1056	Compression Set @ 50%	15.0%
ASTM D-1056	Water Absorption (% by volume)	0.14%
	Thermal Conductivity (kfactor) (btu-in./hr.·sq.ft. °F) W/mK	0.31 0.045
	Recommended Service Temperature (°F) (°C)	-40 - 250 -40 - 120
	Recommended Application Temperature (°F) (°C)	50 - 110 10 - 45
	Fungi Resistance	Excellent
	Oxidation Resistance	Excellent
	Weather Resistance	Excellent

Notes:

The length of the rolls vary depending on the thickness of the material. Gaska Tape offers standard length logs, master logs are double the standard length plus 2' and available upon request for quote.

Typical performance properties and characteristics are based on samples tested and are not guaranteed for all samples of this product.

Data is intended as a guide only and is presented without guarantees and without assumption of liabilities resultant from the use of information provided. This data is not to be used for specification purposes.

Warranty

Gaska Tape Inc. warrants its product to be free from defects in material and workmanship for a period of twelve (12) months beginning on the date of invoice, provided the purchaser installs and uses the products according to any instructions provided by Gaska Tape Inc. Any product which fails during the warranty period due to a defect will be replaced.

Upon request, Gaska Tape Inc. will be pleased to provide a copy of its written Limited Warranty with complete details of coverage, conditions and limitations.

Gaska Tape Inc. makes no other warranty, expressed or implied, and specifically disclaims and disavows any implied warranty of merchantability and of fitness for a particular use.

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