



Product Data

ELECTRA GUARD

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- ELECTRAGUARD** is designed for use as a foamed-in-place gasket. This product is from a family of thermal mastics made from combinations and blends of elastomers, butyls, E.P.D.M.'s and proprietary polymers. The other ingredients consist of antioxidants, fungicides and organic processing aides. It is generally applied thermally through fixed or flexible automation. The material can be applied as a solid or foamed product. It is more cost effective than traditional die-cut gaskets (foamed or solid) and almost all foamed tape and adhesive systems. Since it is applied-in-place, it cannot be stretched or distorted at the time of assembly and therefore provides a more functional and lasting protective shield. Developed originally for the electrical enclosures industry, this product can also be used for other applications requiring adhesion to plastic, wood, and painted metal surfaces as a gasket and/or sound deadening material.
- Features-Advantages-Benefits for when compared to Foamed Urethanes**

ELECTRAGUARD emit harmful or regulated gases into the air during application. This eliminates the need for expensive ventilation equipment, as well as the high energy and maintenance costs associated with running this equipment.

ELECTRAGUARD carries a shipping class of 55, allowing you the freedom to ship the product as economically as possible.

ELECTRAGUARD is easily cleaned from manufacturing equipment and work locations.

ELECTRAGUARD can help reduce costly down time as a result of clean-up and maintenance.

ELECTRAGUARD will not discolor over time, keeping the appearance of the finished product as clean and professional as your company's reputation.

ELECTRAGUARD has excellent rebound and compression characteristics which will result in a superior performing seal over time.

ELECTRAGUARD cures instantly eliminating shipping delays and work-in-progress inventory.

ELECTRAGUARD has excellent adhesion and it is also easily removed when required, thus reducing scrap and rework.

ELECTRAGUARD has built in antioxidants and fungicides that protect it from corrosion, extending the life of the finished product.

ELECTRAGUARD has a lower melting temperature than most polyurethanes, reducing energy costs during production.

Test Data

Color: natural state – black,
foamed state – dark grey to black

Odor: very slight

Melt point: Ball & Ring, 250°F - 285°F

Flame Rating: <40mm/min

Slump: 190°F, 24hrs. – no slump or sag

Taste test: Will not impart taste or odor to sweet unsalted butter.

Weight/Gallon: 7.6 lbs in solid state

Peel Adhesion: >50N/M
Shore '00' Durometer: <65
Shore A: <40
Elongation, 77°F: >200%



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ELECTRAGUARD's unique chemistry produces a seal with a much higher density than polyurethanes.

ELECTRAGUARD's high density reduces the migration of chemicals through the material resulting in superior seal.

- **Features-Advantages-Benefits for when compared to Extruded and Neoprene Gaskets**
ELECTRAGUARD allows manufacturers to take full advantage of automation to reduce production costs, delivery times and manufacturing space, while improving overall product quality and consistency.
ELECTRAGUARD results in a single continuous gasket, improving overall seal performance.
ELECTRAGUARD's automated application eliminates the possibility of a product being stretched too thin or misapplied.
ELECTRAGUARD is supplied in 55 gallon drums and can reduce your inventory space requirements for raw materials as well as reduce scrap from packaging material.
ELECTRAGUARD has excellent rebound and compression characteristics which will result in a superior performing seal over time.
ELECTRAGUARD's built in antioxidants and fungicides protect it from corrosion, extending the life of the finished product.

Precautions

Prolonged exposure to temperature exceeding 450°F could result in a thermal breakdown of the compound and greatly reduce its physical characteristics and performance.

Clean Up

The material can be cleaned from tools and equipment with a light application of mineral spirits.

Packaging

55gal. fiber drums, 5gal. fiber pails and 5 pound slugs.

Freight Classification

Caulking Compound "NOIBN" (no red label required) Class 55, Item No. 149610

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