Die-Cutting for High Performance Gaskets

Fabrico, the leader in design and manufacturing services for converting flexible materials and an expert in bonding, joining, and sealing, announces die-cutting capabilities for gaskets in a wide range of applications, including electric motor, generator, automotive, and medical device. Fabrico uses materials expertise to die-cut gaskets that meet demands such as insulation, electrical absorption/deflection, cushioning, fluid restriction, noise reduction, and weather resistance.
Gasket applications demand a variety of performance features, such as EMI or ESD protection, insulation against heat or electricity, or protection from environmental conditions and contaminants. In order to meet customer specifications, Fabrico utilizes materials expertise to source the best materials for the application. Materials include open cell foams, closed cell foams, elastomers, and other materials.

Fabrico addresses the importance of gasket performance; leaking gaskets can lead to application failure and costly repairs. To address gasket failures, engineers are looking to new materials and technologies to improve performance and durability.

Fabrico’s capabilities include servo driven rotary die-cutting, CNC die-cutting, laser die-cutting, and water jet die-cutting to create complex components and meet specifications. For complex foam die-cut components, water jet die-cutting can provide a solution that delivers clean cut edges with the foam material. Slitting, laminating, and kitting are also used in gasket applications.

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