

Parker Chomerics CHO-SEAL® 2542 Non-Conductive Extruded Elastomer Specifications

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Chomerics manufactures a dual performance extruded gasket in one simple design. By a seam vulcanization process, CHO-SEAL or CHO-SIL conductive elastomers are extruded in parallel with non-conductive elastomers to provide EMI shielding and corrosion protection from one gasket. The outer, non-conductive gasket acts as an extra environmental seal to keep moisture away from the conductive gasket/flange interface. This prevents corrosion of the mating flange in marine or airborne environments. Co-extruded gaskets are also cost-effective, as they permit the use of existing flange designs and provide for gasket attachment via a less expensive non-conductive elastomer. A similar two gasket shielding system requires a costly double groove flange design. Typical examples of effective co-extruded gaskets include commercial and military communications equipment, rack mounted cabinetry, and aircraft doors and panels. These applications vary in required shielding performance. Each Chomerics co-extruded gasket is engineered in our applications laboratory to match the geometric constraints, closure requirements and shielding performance demanded by the application. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-2542-Non-Conductive-Extruded-Elastomer-Specifications.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 - 1.93 g/cc	1.43 - 1.93 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65 - 75	65 - 75	ASTM D2240
Tensile Strength	>= 3.45 MPa	>= 500 psi	ASTM D412
Elongation at Break	>= 65 %	>= 65 %	ASTM D412
Tear Strength	>= 5.26 kN/m	>= 30.0 pli	ASTM D624

Descriptive Properties	Value	Comments
Binder	Fluoro-Silicone	
Color	Light Blue	

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