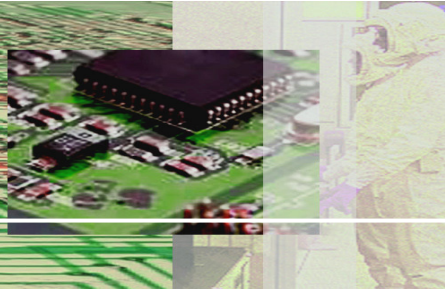




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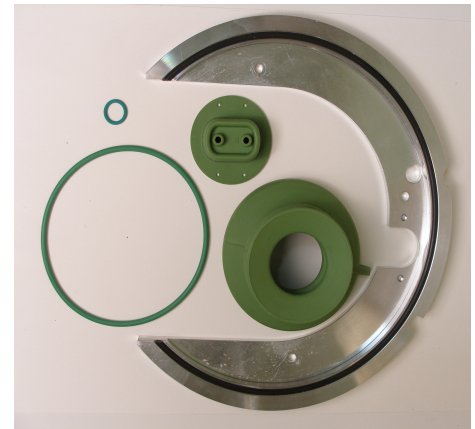
# e-Vac Series

## FKM Rubber for Clean Applications



**E-Vac** are a family of enhanced FKM (Viton®) rubber compounds filled with proprietary fillers and producing outstanding low permeation and extremely low outgassing and carbonization free materials. Products made of these compounds exhibit excellent physical properties including very low compression set for maintaining sealing properties for long time and in harsh environment and are suited for the semiconductors industries or any other high vacuum clean room applications.

- Low permeation low outgassing for vacuum applications.
- Products can be supplied in class 1000 clean room packaging.
- Material is available in two hardness range, 60 & 70 Shore A.
- Excellent compression set to maintain sealing force over very long period of time.
- Excellent Chemical resistance.
- Available in sheets in every thickness and custom die-cut parts.
- Available in custom molded parts to any shape.



Product Name	e-Vac 600	e-Vac 700
Base Material	Fluoroelastomer	Fluoroelastomer
Resistance to Weather, Ozone, Oxidation	Excellent	Excellent
Resistance to UV	Excellent	Excellent
Corrosiveness	None	None
Toxicity	None	None
Shelf Life per Mil-HDBK-695	Up to 20 years	Up to 20 years
Typical Properties		
Color	Green	Green
Hardness, Shore A±3	65	75
Tensile Strength, Mpa, min	7.8	11.0
Elongation, %, min	380	250
Tear Resistance KN/M	23	19
Compression Set (22hr at 175°C), %	21	23
Continuous Use Temp., °C	-17 to +200	-17 to +200
Specific Gravity	1.94	2.20