



ElastaPro Silicone Sheeting

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METAL DETECTABLE GRADE SILICONE SHEETING

DESCRIPTION:

Our Metal-detectable Grade silicone sheeting is designed for markets such as food, beverage, dairy, pharmaceutical, and others, where additional safety and contaminate-free is needed. Metal Detectable Seals are used to increase safety and reduce downtime by quickly sequestering seal fragments in-process by magnetically collecting the fragments. It is easily die-cut and provides a superior gasket and sealing solution. Thicknesses from .010" to .500" thick. Widths up to 60" wide. Further, the material is available in various opaque colors.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -85°F to +600°F (Intermittent)
- Excellent for Seals & Gaskets
- Fabricated with high-quality and certified raw materials
- UV / Ozone Resistant
- Cured Silicone Sheet is Non-Toxic & Chemically Inert
- Peroxide Free, odorless, and tasteless
- FDA compliant per FDA TITLE 21 CFR 177.2600

PROPERTIES	TEST METHOD	ESS40MD	ESS50MD	ESS60MD
Specific Gravity, g/cc	ASTM D297	1.29	1.31	1.36
Durometer, Shore "A"	ASTM D2240	40+/-5	50+/-5	60+/-5
Tensile Strength, psi	ASTM D412	1100	1050	1250
Elongation, %	ASTM D412	850	700	900
Tear, ppi Die "B"	ASTM D624	130	130	190

These typical physical properties are provided for evaluation information only.
It is up to the end-user to determine the appropriate material for the intended application.