



ElastaPro Silicone Sheeting

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MEDICAL GRADE SILICONE SHEETING 30-70 Durometer

DESCRIPTION:

Our Medical Grade silicone sheeting is designed for Medical Devices and applications for implant up to 29 days in the human body. It is easily die-cut and provides a superior gasket and sealing solution. It is available from 30-70 durometer. Thicknesses from .010” to .500” thick. Widths up to 60” wide. This is a Made to Order Product and is supplied in a Gloss or Matte Finish.

KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -80°F to +450°F (500°F Intermittent)
- Excellent for Seals & Gaskets
- Fabricated with high-quality raw materials from Domestically produced Silicone Rubber
- No smell, odor, contains no organic plasticizers, and is phthalate and peroxide free
- Safe for steam and gamma sterilization
- **SPECIFICATIONS: USP Class VI, European Pharmacopeia, ISO 10993 and FDA TITLE 21 CFR 177.2600**

PROPERTIES	TEST METHOD	ESS30HC	ESS40HC	ESS50HC	ESS55HC	ESS60HC	ESS65HC	ESS70HC
Durometer, Shore "A"	ASTM D2240	30+/-5	40+/-5	50+/-5	55 +/-5	60+/-5	65 +/-5	70+/-5
Tensile Strength, psi	ASTM D412	1100	1100	1250	1300	1300	1350	1300
Elongation, %	ASTM D412	900	850	850	700	800	700	600
Tear, ppi Die "B"	ASTM D624	170	170	205	180	205	185	185

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.