



ElastaPro Silicone Sheeting

13937 Rosecrans Ave.
Santa Fe Springs, CA 90670
PHONE 562-343-9982 FAX 562-286-8711
www.elastapro.com

FDA GRADE SILICONE SHEETING 30-80 Durometer

DESCRIPTION:

Our FDA Grade silicone sheeting is designed for food contact applications. It is easily die cut and provides a superior gasket and sealing solution. It is available from 25-85 durometer. Thicknesses from .010” to .500” thick. Widths up to 60” wide. Many colors are available but the most popular color in stock is white. Choose from our large inventory of stock items. If we do not have it in stock, we will custom make it!

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
- UV / Ozone Resistant & Excellent Electrical Insulator
- **SPECIFICATION: Ingredients are listed in CFR 177.2600** (Rubber articles intended for repeated use in contact with food)
- Odorless & Tasteless

PROPERTIES	TEST METHOD	ESS30FDA	ESS35FDA	ESS40FDA	ESS50FDA	ESS60FDA	ESS70FDA	ESS80FDA
Specific Gravity, g/cc	ASTM D297	1.11	1.21	1.26	1.33	1.42	1.42	1.49
Durometer, Shore "A"	ASTM D2240	30+/-5	35 +/-5	40+/-5	50+/-5	60+/-5	70+/-5	80+/-5
Tensile Strength, psi	ASTM D412	800	800	800	950	850	900	950
Elongation, %	ASTM D412	800	700	700	600	500	400	300
Tear, ppi Die "B"	ASTM D624	80	90	100	105	105	110	100

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.