



# ElastaPro Silicone Sheeting

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## GENERAL PURPOSE, SPECIFICATION GRADE SILICONE SHEETING 25-85 Durometer

### DESCRIPTION:

Our General Purpose, Specification Grade silicone sheeting is designed for general purpose silicone specifications as noted below, extreme temperature applications, and has good compression set. 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. 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
- **SPECIFICATIONS: Designed to meet - A-A 59588 CL2A/2B, ASTM D2000, AMS3301-3307, UL 94HB. Ingredients are listed in CFR 177.2600 (Rubber articles intended for repeated use in contact with food)**

PROPERTIES	TEST METHOD	ESS30GP	ESS40GP	ESS50GP	ESS60GP	ESS70GP	ESS80GP	ESS85GP
Specific Gravity, g/cc	ASTM D297	1.11	1.26	1.33	1.42	1.42	1.49	1.51
Durometer, Shore "A"	ASTM D2240	30+/-5	40+/-5	50+/-5	60+/-5	70+/-5	80+/-5	85+/-5
Tensile Strength, psi	ASTM D412	725	800	850	800	800	820	850
Elongation, %	ASTM D412	750	700	550	500	325	300	275
Tear, pli Die "B"	ASTM D624	75	110	125	150	130	140	140

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.