



# ElastaPro Silicone Sheeting

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## High Strength/ Extreme Low-Temperature Silicone Sheeting PVMQ SILICONE SHEETING 30-80 Durometer

### DESCRIPTION:

Our High Strength/ Extreme Low-Temperature silicone sheeting is designed for low-temperature applications needing higher physical properties such as aerospace, defense, and cryogenics. It is easily die-cut and provides a superior gasket and sealing solution. It is available from 40-80 durometer. Thicknesses from .010" to .500" thick. Widths up to 60" wide. Many colors are available and this is a made to order material.

### KEY CHARACTERISTICS:

- Extreme High & Low-Temperature Resistant -130°F to +450°F (525°F Intermittent)
- Excellent for Seals & Gaskets
- Fabricated with high-quality raw materials
- UV / Ozone Resistant & Excellent Electrical Insulator
- **SPECIFICATIONS: A-A-59588 CL1A/1B/3A, AMS 3345**

PROPERTIES	TEST METHOD	ESS30HS/LT	ESS40HS/LT	ESS50HS/LT	ESS60HS/LT	ESS70HS/LT	ESS80HS/LT
Durometer, Shore "A"	ASTM D2240	30 +/-5	40+/-5	50+/-5	60+/-5	70+/-5	80+/-5
Tensile Strength, psi	ASTM D412	850	1000	1200	1100	600	600
Elongation, %	ASTM D412	500	200	500	500	400	125
Tear, ppi Die "B"	ASTM D624	100	140	175	150	150	150

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.