



ElastaPro Silicone Sheeting

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COMMERCIAL GRADE SILICONE SHEETING 20-90 Durometer

DESCRIPTION:

Our Commercial Grade silicone sheeting is designed for extreme temperature applications. It is easily die-cut and provides a superior gasket and sealing solution. It is available from 20-90 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
- Low Compression Set

PROPERTIES	TEST METHOD	ESS20CG	ESS30CG	ESS40CG	ESS50CG	ESS60CG	ESS70CG	ESS80CG	ESS90CG
Specific Gravity, g/cc	ASTM D297	1.06	1.12	1.24	1.34	1.42	1.43	1.48	1.38
Durometer, Shore "A"	ASTM D2240	20+/-5	30+/-5	40+/-5	50+/-5	60+/-5	70+/-5	80+/-5	90+/-5
Tensile Strength, psi	ASTM D412	500	700	750	800	750	750	750	800
Elongation, %	ASTM D412	900	800	700	600	500	400	300	200
Tear, pli Die "B"	ASTM D624	50	80	100	105	105	110	100	120

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.