



ElastaPro Silicone Sheeting

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MEDIUM STRENGTH GRADE SILICONE SHEETING 25-85 Durometer

DESCRIPTION:

Our Medium Strength Grade silicone sheeting is designed for applications needing higher physical properties than general-purpose silicone. 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.

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

PROPERTIES	TEST METHOD	ESS30MS	ESS35MS	ESS40MS	ESS50MS	ESS60MS	ESS70MS	ESS80MS
Specific Gravity, g/cc	ASTM D297	1.06	1.10	1.11	1.12	1.15	1.20	1.22
Durometer, Shore "A"	ASTM D2240	30+/-5	35 +/-5	40+/-5	50+/-5	60+/-5	70+/-5	80+/-5
Tensile Strength, psi	ASTM D412	750	750	1000	1000	1100	1200	1200
Elongation, %	ASTM D412	900	875	800	600	600	400	300
Tear, ppi Die "B"	ASTM D624	130	140	140	150	175	200	175

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.