



HANNA RUBBER COMPANY

# Specification Sheet

## High Strength Grade Silicone Sheeting

30, 40, 50, 60, 70, 80 Durometer

### Description

Our High Strength Grade silicone sheeting is designed for applications needing higher physical properties than general-purpose & medium strength silicone. It is easily die-cut and provides a superior gasket and sealing solution and is available from 30-80 durometer. Thicknesses from .01 O" to .500" thick. Widths up to 60" wide. Further, these materials are produced with ingredients per FDA CFR 177.2600 and designed to meet key High Strength Specifications.

### Key Characteristics

- Extreme High & Low-Temperature Resistant -85°F to +450°F (500°F Intermittent)
- Excellent for Seals & Gaskets
- Fabricated with high-quality and certified raw materials
- UV/ Ozone Resistant & Excellent Electrical Insulator
- **SPECIFICATION: A-A-59588 CL3B (exception to flex 30-70 Duro)**

Properties	Test Method	HRC30HSS	HRC40HS	HRC50HS	HRC60HS	HRC70HS	HRC80HS
Specific Gravity, g/cc	ASTM D297	1.12	1.14	1.15	1.17	1.22	1.29
Durometer, Shore "A"	ASTM D2240	30+/-5	40 +/-5	1.15	60+/-5	70+/-5	80 +/-5
Tensile Strength, psi	ASTM D412	1100	1200	1250	1300	1280	800
Elongation, %	ASTM D412	800	600	575	560	400	200
Tear, ppi Die "B"	ASTM D624	150	155	165	170	170	70

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.