

8504 Solid Silicone Custom Molded Products and Molded Sheet Products

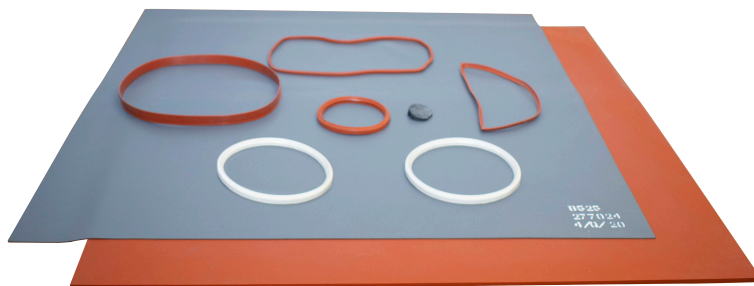
DESCRIPTION

Bellofram Silicones 8504 is a 50 Shore "A" durometer material. Bellofram Silicones also offers solid silicone rubber construction in 30 to 80 SHORE "A" durometer ranges and in material choices ranging from economical commercial grade to high-performance low-temperature, flex and tear resistant specification grades. Our silicone rubber products can be tinted to most colors. Our capabilities for the in-house mixing of custom formulations allow us to produce materials conforming to the ASTM, SAE, MIL-STD, and other military and industrial specifications. Also available in sheet form. From 0.63" to 0.500" in thickness & 36" x 36" wide.

Contact us today at siliconesRFQ@bellofram.com for product samples or a quotation.

FEATURES

- Excellent gasketing material
- Resistance to temperature extremes
- Ultraviolet ray (UV) resistant
- Ozone resistant
- Non-toxic



MATERIAL SPECIFICATIONS

- ASTM D2000 M1GE505
- A-A-59588 CL2A GR50

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	SPECIFICATION
Durometer	Shore "A"	50 ± 5
Tensile Strength (PSI)		1350
Compression Set (22 Hours @ +175°C)		14%
Oil Immersion (IRM 903 70 Hours @ +150°C)		Volume change +64%
Temperature Resistance (Continuous) (°F)		-85° to +400 °F

Data noted above is based on laboratory tests and should be used as a reference only. Further information and additional specifications are available upon request. Tests, claims, representations, and descriptions regarding flammability are based on standard laboratory tests, and they may not be reliable for determining, evaluating, predicting, or describing the flammability or burning characteristics under actual fire conditions, whenever used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.