

Diversified Silicone Products, Inc.

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Other Data Sheets Are Available On Our Website

www.diversifiedsilicone.com



SILICONE SHEETING

“DSP5008MED”

MEDICAL GRADE

50 Shore “A”

DESCRIPTION:

This premium grade silicone is used in health care applications. The base silicone polymer has been tested to meet USP Class 6 standards. This material is low volatile, peroxide free, platinum cured, and does not discolor over time. The ingredients used to make this product are also listed in CFR 177.2600. This FDA regulation deals with rubber articles intended for repeated use in contact with food. This material is ozone and UV resistant, and is an excellent gasketing material. It is available in 30-80 durometer.

FEATURES:

- All FDA approved Ingredients
- USP CLASS 6
- Extreme High & Low Temperature Resistant
- UV / Ozone Resistant
- Non- Toxic, Chemically Inert
- Excellent Gasketing Material
- Able to pass a Flammability Rating of UL94 HB
- Fungus Resistant

SPECIFICATIONS:

USP CLASS 6
ASTM D2000
21 CFR 177.2600

PHYSICAL PROPERTIES

PROPERTIES	Test Method	Typical Properties
Specific Gravity, G/CC	ASTM D297	1.15
Durometer, Shore “A”	ASTM D2240	50
Tensile Strength, PSI	ASTM D412	1200
Elongation, %	ASTM D412	600
Tear, PPI DIE “B”	ASTM D624	150
Temperature Range	(°F)	-80 to +450

We provide materials to customers who engineer or fabricate products for health care applications. Health care applications are defined as after sale uses such as medical devices, dental and optical applications, pharmaceutical production and/or delivery systems. We do not promote the use of our materials in which our material is implanted into the body. The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is solely the responsibility of our customers to determine the suitability of materials for an application.