

Diversified Silicone Products, Inc.

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Other Data Sheets Are Available On Our Website

www.diversifiedsilicone.com



SILICONE SHEETING

“DSP5008PLAT”

PREMIUM GRADE

PEROXIDE FREE -- PLATINUM CURED

50 Shore “A”

DESCRIPTION:

“Premium Grade Peroxide Free” silicone sheeting is designed to be used where higher physical properties are required and in applications that require a low volatile and low outgassing material. Most volatiles and outgassing occur in rubber from the peroxide catalysts that are used to cure the material. This material uses a very clean, high end platinum cure system that is peroxide free. This type of cure system is most common among medical grade materials. We have tailored it to fit in many industrial applications where peroxide can cause problems to the end user. The material is available in continuous rolls or sheets. It is resistant to extreme high and low temperatures, and is proven to be an excellent gasketing material. Available in many colors. Sheet thickness ranges from 1/64” up to 1” thick.

FEATURES:

- Extremely Low Volatile / Low Outgassing
- Extreme High & Low Temperature Resistant
- UV / Ozone Resistant
- Non- Toxic, Chemically Inert
- All FDA approved Ingredients
- Low Compression Set
- Fungus Resistant

SPECIFICATIONS:

ZZR-765
FDA / USDA
ASTM D2000

PHYSICAL PROPERTIES

PROPERTIES	Test Method	Typical Properties
Specific Gravity, G/CC	ASTM D297	1.16
Durometer, Shore “A”	ASTM D2240	50 +/-5
Tensile Strength, psi	ASTM D412	1000
Elongation, %	ASTM D412	600
Tear, ppi Die “B”	ASTM D624	135
Temperature Range	(°F)	-80 to +450

The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.