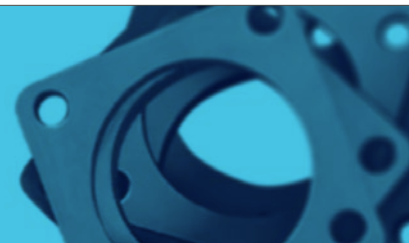


WESLASTOMER™ GRADE 2800 FIBERGLASS REINFORCED SILICONE GASKETS



Modus Advanced, Inc.'s WesLastomer™ Grade 2800 Fiberglass Reinforced Grade 70 Shore "A" Silicone sheeting is available in two grades: "DSP1564" and "DSP7628". Among other uses, this material is typically used for gaskets or seals requiring a resilient, nonporous sheet material suitable for operating temperatures from -100 to 500°F. It is resistant to weathering and remains flexible over its temperature range. It is available in many different thicknesses. Generally, the DSP1564 Grade is used in thicknesses greater than 1/32" thick, and the DSP7628 is used in thicknesses of 1/32" or less. The fiberglass is centered between two layers of silicone giving the material dimensional stability and higher tensile strength.

The primary method of application for WesLastomer products is utilizing a Pressure Sensitive Adhesive (PSA) backing and/or mechanical fasteners.

RESISTANCE CHART

Rubber Type	Oil Resistance	Electrical Resistivity	Flame Resistance	Impact Resistance	Abrasion Resistance	Tear Resistance	Weather Resistance	Oxidation Resistance	Ozone Resistance	Major Attributes
Buna-N (Nitrile)	E	P	P	G	G	F	P	G	F	Excellent resistance to mineral and vegetable oils.
EPDM (Ethylene-Propylene-Diene-Methylene)	P	E	P	G	G	G	VG	E	E	General purpose rubber with excellent weather resistance.
Neoprene	G	VG	G	G	E	G	VG	E	E	General purpose abrasion-resistant rubber with good oil resistance.
Polyurethane	E	E	F	G	E	E	G	E	E	Resists abrasion, tearing, and cold. Good load-bearing qualities.
Santoprene	G	E	G	G	F	G	E	E	E	Good oil, solvent, and chemical resistance. Weathers well.
Silicone	F	G	F	F	P	P	E	E	E	Resistant to chemicals and to high and low temperatures.
Fluoroelastomer	E	G	G	VG	G	P	VG	E	E	Resists oil and chemicals at low and high temperatures.

E - Excellent VG - Very Good G - Good F - Fair P - Poor

FEATURES AND BENEFITS

- Extreme temperature resistance
- Ozone resistance
- Good compression set characteristics
- Radiation resistance
- Dimensional stability

APPLICATIONS

- Gaskets and seals
- Applications requiring higher dimensional stability and tensile strength

TYPICAL PROPERTIES

DSP1564:

- Thickness: 1/64" through 1"
- Tensile Strength (Fiberglass+Silicone): 1300
- Fiberglass Thickness: .014"
- Fiberglass Weight: 12.5 oz per sq yd
- Fiberglass Breaking Strength: 400 x 350 (warp/fill) PSI
- Plain Weave Thread Count: 20 x 18
- Fiberglass Diaphragm Burst Strength: 750 PSI
- Compression Set: 35% max
- Temperature Range: -100 to +500°F

DSP7628:

- Thickness: 1/64" through 1"
- Tensile Strength (Fiberglass+Silicone): 1300
- Fiberglass Thickness: .007"
- Fiberglass Weight: 6 oz per sq yd
- Fiberglass Breaking Strength: 250 x 200 (warp/fill) PSI
- Plain Weave Thread Count: 44 x 32
- Fiberglass Diaphragm Burst Strength: 400 PSI
- Compression Set: 35% max
- Temperature Range: -100 to +500°F

CUSTOMERS ALSO SEARCHED:

Silicone	Cellular urethane	Die cut seal
Silicone sponge	LCD gaskets	Rubber gasket
Silicone gaskets	Low outgassing	EMI shielding rubber
Silicone sponge gasket	UL 94 HBF gasket	Conductive rubber
Silicone foam	UL 94 V-0	Form in place
Silicone gasket	Water sealing	LED gasket
Microcellular urethane	RoHS gasket	
Urethane foam gaskets	LED gasket	
	Conductive gasket	
	Die cut gasket	

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



IDEA



ENGINEERING



SOLUTION



IGNITION



PICK A MATERIAL

LET MODUS CUT IT TO SIZE

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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