

WESLASTOMER™ GRADE 4900 MEDIUM CLOSED CELL SPONGE



Modus Advanced, Inc.'s WesLastomer™ Grade 4900 Medium Closed Cell Sponge is an excellent choice for gasketing and sealing applications that require a soft and compliant material. It is considered a lower cost alternative to solid rubber, and is used as shock absorbers, thermal barriers and weather stripping. Also, its noninterconnected closed cells make it extremely impermeable to water absorption. Our sponge rubber is available in five hardnesses: Soft, Medium, Medium-Firm, Firm and X-Firm. Sheet thickness ranges from 1/16" up to 2". Sheet size is 42" x 72" and can be die cut to meet the exact design specifications for any requirement.

TYPICAL PROPERTIES

WesLastomer™	4800	4900	5000	5100	5200
Color	Black	Black	Black	Black	Black
Density (PCP Approx.)	6 +/- 2	6 +/- 2	9 +/- 2	10 +3/-2	13 +/- 4
Polymer	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND
ASTM-D-1056-67 & 68, GRADE	SCE 41	SCE 42	SCE 43	SCE 44	SCE 45
ASTM-D-1056-91 & 07 SAE J18-R7/92	2C1	2C2	2C3	2C4	2C5
COMPRESSION SET, SUFFIX B2 25% MAXIMUM	Pass	Pass	Pass	Pass	Pass
COMPRESSION DEFLECTION @ 25% DEFLECTION	2 - 5 PSI	5 - 9 PSI	9 - 13 PSI	13 - 17 PSI	17 - 25 PSI
WATER ABSORP.BY WEIGHT MAX, ASTM MTHD.	5% (10% ALLOWED)	5% (10% ALLOWED)	5% (10% ALLOWED)	5%	5%
TEMPERATURE RESISTANCE Low °F/High °F	-40/+250	-40/+250	-40/+250	-40/+250	-40/+250
ELONGATION % Min	150	150	150	150	150
HEAT AGING, 7 days @ 158°F +/- 30% MAX CD CHANGE	Pass	Pass	Pass	Pass	Pass
TENSILE STRENGTH Min.	75 psi	100 psi	100 psi	125 psi	150 psi
OZONE 20% STRESS, 72 HRS @100 PPHM, ASTM-D-1171-94; 1149-91; GM6086M; GM4486P; CHRYSLER MSAY 527	Pass	Pass	Pass	Pass	Pass
OIL RESISTANCE, FLUID IMMERSION E1, 7 Days @ 23°C or 74°F	Pass	Pass	Pass	Pass	Pass
FLAME RESISTANCE TO UL 94 HF1, FMVSS302	Pass	Pass	Pass	Pass	Pass

FEATURES AND BENEFITS

- Soft and compliant
- Closed cell structure inhibits water absorption
- Lower cost alternative to solid rubber

APPLICATIONS

- Gaskets and seals
- Shock absorber
- Thermal barrier
- Weather stripping

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

STANDARDS:

C C C, UL 50E, UL 157, UL 508, UL 508, UL 94HF-1 CAN/CSA C22.2 NO. 017-92

CUSTOMERS ALSO SEARCHED:

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