

LAUR SILICONE

LAUR 4XX SERIES SILICONE RUBBER

THERMALLY CONDUCTIVE SILICONE

Laur 4XX series of materials offers thermal conductivity and thermal stability. It was designed to offer good heat transfer and heat stability without the need for a post cure. The material is designed to be self-bonding. In most applications the use of a primer will improve bond performance.

TYPICAL PROPERTIES

Material	L-440	L-450	L-460	L-470	L-480	L-490
Durometer, A-2	38	50	60	69	81	88
Tensile, psi	1,010	910	835	830	880	800
Elongation, %	660	490	360	250	125	95
Tear B, ppi	70	75	80	85	70	70
Specific Gravity	1.20	1.38	1.49	1.59	1.73	1.77
Compression set, 22 Hr. at 350 °F, %	10.1	9.8	9.5	9.7	8.2	13.8
Shrink, at 340 ° F, %	3.5	3.7	3.0	2.5	2.2	1.8
Resilience, %	55	52	58	48	50	41
Standard Color	Red	Red	Red	Red	Red	Red

ALL SLABS MOLDED 10 MINUTES @ 340 °F

The properties listed here are typical values and are not intended to be used for writing specifications. For assistance in selecting a compound for a specific application, please contact our technical department.

SHELF LIFE

When stored below 90 °F, this series of materials has a shelf life of 3 months from date of sale.