



MATERIAL	Silicone 60 Shore FDA Red ASTM D 2000 M2GE 6110 A19B37E036
DESCRIPTION	Low compression set Silicone material Extrusion grade FDA compliant to CFR 21 177-2600 & European regulations EC1935/2004 ADI free
APPLICATION	This material has excellent thermal resistance to both high and low temperatures and is good with oxygen and ozone attack along with good elongation properties.
TEMPERATURE	Low temperature service limit -76°F (-60°C) Upper temperature continuous service limit +482°F (+250°C in air)
PRODUCTS	Inflatable Seals

PHYSICAL PROPERTIES

ORIGINAL	STANDARD	TYPICAL VALUES
Specific Gravity	ASTM D1817	1.2
Durometer shore A (slab)	ASTM D2240	62
Elongation % (Dumbbell)	ASTM D412	516.8
Tensile strength Psi (Mpa) (Dumbbell)	ASTM D412	1450 (10)
Compression set % 24h @ 302°F (105°C) (slab)	ASTM D395B	12.8
HEAT AGEING 240h @ 392°F (200°C) ASTM D573		
Durometer change points shore A		+8
Elongation % retained		64
Tensile strength % retained		84
FLUID IMMERSION Oil No 1 72h @ 212°F (100°C) ASTM D471		
Volume change %		+4

Information

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