



MATERIAL Silicone 60 Shore FDA White

DESCRIPTION FDA compliant to CFR 21 177-2600

APPLICATION This material has excellent thermal resistance to both high and low temperatures, is good with oxygen and ozone attack. This compound has been specifically formulated to have a low surface coefficient of friction.

TEMPERATURE Low temperature service limit -76°F (-60°C)
Upper temperature continuous service limit +446°F (+230°C)

PRODUCTS Encapsulated Seals
Extrusions (cords/profiles/tubes)
Hot Vulcanised O rings & Vulcanised Profiles
Inflatable Seals

PHYSICAL PROPERTIES

ORIGINAL	STANDARD	TYPICAL VALUES
Density (kg.m ⁻³)	ISO2781- 988	1260
Durometer shore A (slab)	ISO7619-2004 (@3S)	61
Elongation % (Dumbbell)	ISO37-1994	240
Tensile strength Psi (Mpa) (Dumbbell)	ISO37-1994	7.6
Compression set % 22h @ 347°F (175°C) (slab)	ISO815-1991	32

Information

The above information corresponds to our current knowledge and is offered solely to provide possible suggestions for your own experimentations. It is not intended to substitute any testing you may need to conduct to determine suitability of our products for your end use. Northern Engineering reserves the right to revise this information as new knowledge and experience becomes available. Northern Engineering makes no warranties and assumes no liability in connection with any use of the above information.