

# MC358 Silicone 60 Shore White

## FDA Compliant

Material Datasheet • Issue 2 • Oct 2017

### Material

Silicone 60 Shore White FDA Compliant

### Description

- Silicone
- FDA Compliant to CFR 21 177-2600

### Application

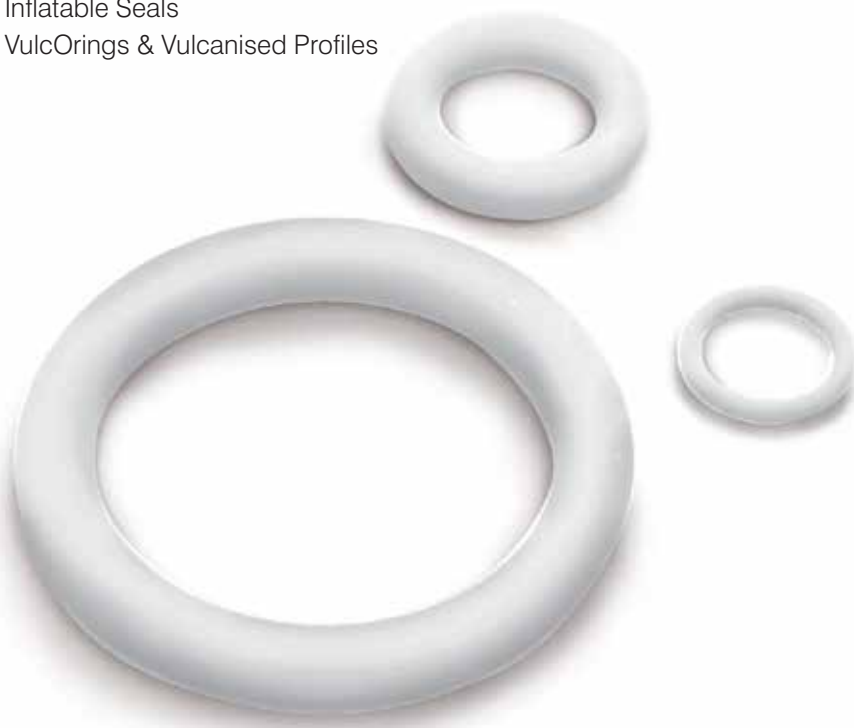
This material has excellent thermal resistance to both high and low temperatures. Is good with oxygen and ozone attack. This compound has been specifically formulated to have a low surface coefficient of friction.

### Temperature

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

### Products

- Encapsulated O Rings
- Extrusions (cords/profiles/tubes)
- Inflatable Seals
- VulcOrings & Vulcanised Profiles



### Physical Properties

Original	Standard	Typical Values
Density (kg.m <sup>-3</sup> )	ISO2781-I 988	1260
Durometer shore A (slab)	ISO7619-2004 (@3S)	61
Elongation % at break (Dumbbell)	ISO37-1994	240
Tensile strength Psi (MPa) (Dumbbell)	ISO37-1994	7.6
Compression set % 22h @ 175°C	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.

