



Manufacturer of TFE-O-SIL[®] O-Rings & Gaskets Since 1976
FEP & PFA Encapsulated Silicone, Fluoroelastomer & EPDM

SILICONE – 70 DUROMETER

*USP Class VI Approved – Platinum Cure
FDA Conforming – Title 21 CFR 177.2600*

Original Properties	ASTM D2000 Test Method	Requirement	Result
Durometer, Shore A	D2240	70 ± 5	73
Tensile strength, psi	D 412	650	1000
Elongation, %	D 412	125	650
Compression Set 22 Hours @ 175°C (347°F)			
% of original deflection, max.	D 395	30	19
Low Temperature Brittleness			
3 minutes @ -55°C	D2137	non-brittle	Pass
Brittle point, °C (°F)	D2137	-	-73°C (-100°F)
Temperature Range °C (°F)	-55° to + 200°C (-67° to + 392°F)		