

# ROW, INC.

Manufacturer of TFE-O-SIL<sup>®</sup> 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

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

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