

ROW, INC.

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

SILICONE – 70 DUROMETER

ZZ-R-765 Class 2A & 2B Grade 70
FDA Conforming – Title 21 CFR 177.2600

<u>Original Properties</u>	<u>ASTM D2000 Test Method</u>	<u>Requirement</u>	<u>Result</u>
Durometer, Shore A	D2240	70 ± 5	70
Tensile strength, psi	D 412	650	740
Elongation, %	D 412	125	175
Heat Aged <u>70 Hours @ 225°C (437°F)</u>			
Durometer change, pts., max.	D2240	± 10	+ 6
Tensile change, %, max.	D 573	- 25	-18
Elongation change, %, max.	D 573	- 40	-32
<u>Compression Set</u> <u>22 Hours @ 175°C (347°F)</u>			
% of original deflection, max.	D 395	25	14
<u>Low Temperature Brittleness</u>			
3 minutes @ -55°C	D2137	non-brittle	Pass
Brittle point, °C (°F)	D2137	-	-73°C (-100°F)

Temperature Range °C (°F) -55° to + 260°C (-67° to + 500°F)

729 W. Winthrop Avenue • Addison, IL 60101
Phone: 800-770-7128 / 630-628-9221 • Fax: 630-628-9229
Web: www.row-inc.com • Email: sales@row-inc.com