PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.

SEAL COMPATIBILITY WITH FR WG 200-D

Original Physical Properties	L0677-70	N0674-70	S0604-70	C1124-70	E0540-80	F0988-65	Y1038-70	V0884-75
Hardness, Shore A, pts.	67	73	71	68	78	66	73	75
Tensile Strength, psi	1148	2555	797	1914	1610	1176	1705	1581
Elongation, %	276	338	156	234	207	167	533	160
Modulus @ 100%, psi	364	635	460	534	646	541	533	794
After Immersion*								
Hardness Change	- 1	- 3	- 1	- 3	- 3	- 3	- 1	- 3
Tensile Change, %	- 19.3	- 2.1	- 8.3	- 2.6	- 6.3	- 2.1	- 8.3	- 2.6
Elongation Change, %	- 11.6	- 9.5	- 1.9	+ 3.4	+ 1.0	- 9.5	- 1.9	+ 3.4
Modulus Change, %	+ 4.1	- 1.6	- 8.3	- 1.6	+ 4.2	- 1.6	- 8.3	- 1.6
Volume Change, %	+ 1.7	+ 0.6	+ 0.5	+ 9.4	+ 0.7	+ 6.7	+ 26.1	+ 2.61

- Immersion conditions: Seal material immersed for 158 hours @ 158 °F in FR WG 200-D, 200 SUS water-glycol hydraulic fluid.
- Comment: FR WG 200-D is compatible with all seal materials tested, except epichlorohydrin.

KEY:

L0677-70	Flurosilicone	E0540-80	Ethylene Propylene
N0674-70	Nitrile (Buna N)	F0988-65	PNF
S0604-70	Silicone	Y1038-70	Epichlorohydrin
C1124-70	Neoprene	V0884-75	Fluorocarbon (Viton)

(Data and comment supplied by Parker Hannifin Corporation, O-Ring Division)

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