

## ELASTOMER/FLUID COMPATIBILITY CHART

LIP MATERIAL	NITRILE N	NEOPRENE C	ETHYLENE PROPYLENE EP, ES	POLY- ACRYLATE PA	VAMAC VM	SILICONE S	HYDROGENATED NITRILE HNBR	FLUORO- ELASTOMER V
TEMPERATURE	-65 to 225°F	-65 to 300°F	ES/-65 to 212°F EP/-65 to 300°F	-40 to 300°F	-30 to 350°F	-80 to 450°F	-50 to 300°F	-40 to 400°F
APPROXIMATE PRICE RATIO	Base Price	20% Premium	ES/20% EP/40%	30% Premium	40% Premium	80% Premium	120% Premium	300% Premium
Air	1	1	1	1	1	1	1	1
Ammonia Gas	2	2	2	3	3	2	2	3
ATF - Type A	1	2	3	1	1	2	1	1
Brake Fluid	3	3	1	3	3	3	3	3
Butane	1	3	3	1	3	3	1	1
Cellulube	3	3	1	3	3	2	3	2
Cutting Oil	1	3	3	2	2	3	1	1
Engine Oil – SAE 10	1	2	3	1	1	2	1	1
Engine Oil – SAE 30	1	2	3	1	1	2	1	1
Freon 12	2	1	3	3	2	3	2	2
Fuel Oil	1	2	3	2	2	3	1	2
Gasoline (lead and no-lead)	2	3	3	3	3	3	2	1
Gear Oil	1	2	3	1	1	3	1	1
Grease	1	2	3	1	1	1	1	1
Kerosene	1	3	3	2	2	3	1	1
Ketones (MEK)	3	3	1	3	3	3	3	3
Methanol	1	1	2	3	2	1	1	3*
MIL-L 5606	1	2	3	2	2	3	1	1
MIL-L 7808-E	2	3	3	3	2	3	2	1
Oxygen (cold)	3	1	1	3	2	1	3	1
Ozone	3	2	1	3	1	1	2	1
Perchloroethylene	2	3	3	3	3	3	2	1
Petroleum Base Hydraulic Oil	1	2	3	1	3	3	1	1
Phosphate Ester	3	3	1	3	3	2	3	2
Silicone Oil	1	1	1	1	1	3	1	1
Trichloroethylene	3	3	3	3	3	3	3	1
Turpentine	1	3	3	3	3	3	2	1
Water	1	2	1	3	1	1	1	1
Wine	1	1	1	3	3	2	1	2

**PERFORMANCE RATING**

- 1 – Excellent**
- 2 – Fair to Good**
- 3 – Poor**

\*Viton usually is not recommended for use in methanol. However, deVries International has developed a special Viton for this application. When ordering, please specify if to be used in methanol.

