

material compatibility chart

LIP MATERIALS	NITRILES (All Codes)	POLY- ACRYLATES (Code PA)	SILICONES (Code S)	FLUORO- ELASTOMER (Code V)
Temperature Range	-40° to 225°F (-40° to 107°C)	-20° to 300°F (4° to 149°C)	-50° to 325°F (-45° to 163°C)	-20 to 400°F (4° to 204°C)
Hardness	70/80/90 Shore	70/80 Shore	75/85 Shore	70/80 Shore
FLUID MEDIA				
Acetic Acid	Poor	Poor	Poor	Poor
Air	Excellent	Excellent	Excellent	Excellent
Ammonia Gas	Excellent	Poor	Good	Poor
ATF-Type A	Excellent	Excellent	Excellent	Excellent
Brake Fluid	Poor	Poor	Poor	Poor
Butane	Excellent	Excellent	Good	Excellent
Cellulube	Poor	Poor	Good	Good
Engine Oil	Excellent	Excellent	Excellent	Excellent
EP Lubes	Good	Excellent	Poor	Excellent
Ethanol	Excellent	Poor	Excellent	Poor
Freon 12	Excellent	Poor	Poor	Good
Fuel Oil	Excellent	Good	Poor	Good
Gasoline (lead and no lead)	Good	Poor	Poor	Excellent
Grease	Excellent	Good	Excellent	Excellent
MIL-G 10924	Excellent	Excellent	Poor	Excellent
MIL-L 2105-B	Good	Excellent	Poor	Good
MIL-L 5606	Excellent	Excellent	Poor	Excellent
MIL-L 6082-A	Excellent	Excellent	Excellent	Excellent
MIL-L 7808-E	Good	Poor	Excellent	Good
SAE-90	Excellent	Excellent	Poor	Excellent
SAE-30	Excellent	Excellent	Excellent	Excellent
Kerosene	Excellent	Good	Poor	Good
Ketones (MEK)	Poor	Poor	Poor	Poor
Methanol	Excellent	Poor	Excellent	Poor
Methyl Chloride	Poor	Poor	Poor	Excellent
Oxygen (cold)	Good	Excellent	Excellent	Excellent
Ozone	Poor	Poor	Excellent	Excellent
Perchlorethylene	Good	Poor	Poor	Excellent
Petro. Base Hydraulic Oil	Excellent	Excellent	Excellent	Excellent
Phosphate Ester	Poor	Poor	Excellent	Excellent
Pydraul	Poor	Poor	Excellent	Excellent
Silicone Oil	Excellent	Excellent	Poor	Excellent
Skydrol	Poor	Poor	Poor	Poor
Toluene	Poor	Poor	Poor	Good
Trichlorethylene	Poor	Poor	Poor	Excellent
Turpentine	Good	Poor	Poor	Excellent
WATER, Fresh or Salt	Excellent	Poor	Excellent	Excellent
Wine	Excellent	Poor	Excellent	Excellent