

VIBRATION MANAGEMENT CORPORATION

5930 THOMAS ROAD , HOUSTON , TEXAS 77041 , U.S.A

INTERNET ADDRESS: www.vimco.biz

Elastomer Common Name ANSI/ASTM D1418-77	Natural NR/IR	Urethane AU/EU	Neoprene CR	Buna-N /Nitrile NBR	Chlorbutyl CIIR	Hypalon* CSM	EPDM EPDM	Viton*/ Fluorel** FKM	Teflon/ TFE/FEP AFMU	Buna-S/GRS SBR
System/Atmospheric Fluid	RATING									
Air	B	A	A	A	A	A	A	A	A	B
Alcohol	A	X	A	A	A	A	A	B	A	A
Ammonia-anhydrous	X	X	A	B	A	C	A	X	A	X
Aromatic Hydrocarbons	X	X	X	C	X	X	X	A	A	--
Benzene	X	X	X	X	X	X	X	A	A	X
Brake Fluid - automotive	--	--	B	C	B	B	A	X	A	A
Carbon Monoxide	B	A	B	A	A	A	A	A	A	B
Chlorine (wet)	X	X	X	X	C	C	C	A	A	X
Deionized Water	A	--	A	B	A	--	--	--	A	--
Diesel Oil	X	--	B	A	X	B	X	A	A	X
Ethanol	A	X	A	A	A	A	A	B	A	A
Freon 12	B	A	A	B	B	A	B	A	A	B
Freon 22	C	X	B	X	B	A	B	X	A	C
Glycol	A	B	A	A	A	A	A	A	A	A
Helium	A	A	A	A	A	A	A	A	A	A
Kerosene	X	B	B	A	X	X	X	A	A	X
LPG	X	A	B	A	X	X	X	A	A	X
Methane	X	C	B	A	X	B	X	A	A	X
Milk (whole)	B	X	A	A	A	A	A	A	A	B
Nitrogen	A	A	A	A	A	A	A	A	A	A
Petroleum Oil Crude	X	B	B	A	X	C	X	A	A	X
Propane	X	C	B	A	X	B	X	A	A	X
Sewage	C	X	B	A	B	A	B	A	A	B
Steam (to 225°F)	X	X	C	C	B	B	A	X	A	X
Steam (over 300°F)	X	X	X	X	X	X	C	X	A	X

RATING CODE
A: Excellent
B: Good
C: Condition
--: No information

* Registered trademark of E.I. DuPont de Nemours & Co., Inc.

** Registered trademark of 3M Companies

The above chart is provided as a quick, general selection chart. Contact factory for fluids/materials not listed above and special application conditions. For additional information, see "Technical Handbook Properties of Chemical Compatibilities and Elastomers for Seals" published by (Fluid Sealing Association).

Notes / Remarks :	Project :		Title : Rubber Expansion Joint Elastomer Selection Guide	Drawing no. S-2500.99
	Client :			
	Consultant :			
	Representative :			
			Rev. 0	