

## Material Compatibility Table

Designation Trade Name Mac Temp	NBR (Nitrile) 250°F	HSN (HNBR) 300° F	VITON (Fluorel) 350° F	AFLAS 400°	EPDM 625°	Standard Steels N/A	L-80 N/a	P-110 N/A	Duplex Steel XX Chrome
H-2s	R 5,000 ppm	R 10,000ppm	U	U	U	R 20,000ppm	R 20,000ppm	N	U
CO-2 Explosive Decompression	R 1%	R 2%	U	U	U	S.R	S.R	S.R	U
						2%	2%	2%	
Amine Inhibitors	U	U	S	U	S	U	U	U	U
Zn & Ca Bromides	N	N	U	U	U	U	U	U	U
Xylene	N	U	N	U	U	U	U	U	U
HCL & HF Acid	S	S	U	U	S	S	S	S	S
Toluene	N	N	U	U	N	U	U	U	U
Sulfuric Acid	S	S			S	S	S	S	U
Steam	R 250°F	R 300°F	R 350°	R 400°F	U 625°F	U	U	U	U
Crude Oil Methane	U	U	U	U	N	U	U	U	U
KCL & Salt Water	U	U	U	U	U	U	U	U	U

**Terms:**

- U:** Unrestricted Usage-Elastomer is Chemically Inert To This Environment
- S:** Short Term Usage-Continuous Exposure Should Be Limited To 3 Days Or Less
- R:** Restricted Usage- Can Be Exposed With Limits Defined In Table Or Nace (MR0175/ISO15156)
- N:** No Usage at All- No Exposure To This Environment Is Recommended