

CHEMICAL RESISTANCE GUIDE FOR ELASTOMERS

This information is provided only as a guide. Actual service life can only be determined by the user, evaluating the elastomer in actual service conditions.

RATINGS CODE:

- A **Excellent:** Long service may be expected with little or no affect on elastomer - suitable for continuous service.
- B **Good:** Good service may be expected, but elastomer will be affected by the chemical exposure - usually suitable for continuous or intermittent service.
- C **Conditional:** Fair service may be expected if chemical exposure is limited or infrequent. Not recommended for continuous, but may give some service if it is the only elastomer present.
- X **Not Recommended.** Insufficient Information: No data available at the time of publication to determine an accurate rating, but the elastomer is not expected to perform better than those listed.

COMMON NAME	ASTM DESIGNATION	COMPOSITION
Buna-N or Nitrile	NBR	Nitrile-Butadiene
Cross Linked Polyethylene	XLPE	Cross Linked Polyethylene
EPT or EPDM	EPDM	Ethylene-propylene-diene-terpolymer
Teflon	FEP	Fluorinated Ethylene Propylene
SBR	SBR	Styrene-Butadiene
Hypalon	CSM	Chlorosulfonated polyethylene
Natural	NR	Isoprene (Natural)
Neoprene	CR	Chloroprene
Viton	FKM	Fluorocarbon
Ultra High Molecular Weight Polyethylene	UHMWPE	Polyethylene

