

# Elastomer Selection Criteria

Application		Nitrile	Viton	EPDM	Neoprene	Natural	Silicone	Butyl	Hypalon
Petrol		Good	Excellent	Poor	Poor	Poor	Poor	Poor	Poor
Lubricating Oil		Good	Excellent	Poor	Fair	Poor	Good	Poor	Fair
Acids		Good	Good	Excellent	Fair	Fair	Fair	Excellent	Excellent
Alkalis		Fair	Fair	Good	Fair	Fair	Fair	Excellent	Excellent
Hydraulic Fluid	Phosphates	Poor	Poor	Good	Poor	Poor	Good	Good	Fair
	Silicates	Good	Good	Fair	Good	Poor	Poor	Fair	Good
Abrasion Resistance		Good	Good	Good	Good	Excellent	Fair	Good	Good
Tear Strength		Good	Fair	Fair	Good	Good	Poor	Good	Fair
Impact Strength		Fair	Fair	Good	Good	Excellent	Fair	Good	Good
Resilience		Good	Fair	Good	Good	Excellent	Poor	Fair	Good
Impermeable to gases		Good	Excellent	Good	Good	Fair	Poor	Excellent	Excellent
Compression Set		Good	Good	Fair	Good	Good	Good	Fair	Fair

