

Sanitary Butterfly Valve Seal Chart

Property		EPDM (black)	VITON® (brown, grey, white, black)	SILICONE (red)
Temperature		-55°–275°F	-20°–400°F	-80°–450°F
Resistance to	Acid	Good– Excellent	Good	Good
	Alkali	Good– Excellent	Poor–Good	Poor–Good
	Petroleum Oil	Poor	Excellent	Good
	Vegetable Oil	Good	Excellent	Good
	Abrasion	Good– Excellent	Good	Good– Excellent
Compression Set		Fair	Good– Excellent	Good– Excellent

Temperature ratings apply to the elastomer alone. Butterfly valve performance will be dependent upon pressure, temperature and other factors.