

Insulation Characteristics

Insulation	Temperature Rating	Dielectric Strength (Volts Mil)	Oil Resistance	Ozone Resistance	Abrasion	Flame Resistance
Neoprene	90°C	300	Good	Good	Good	Good
PE	90°C	600	Good	Excellent	Fair - Good	Poor
PVC	80°C 105°C	600	Excellent	Excellent	Good	Excellent
Nylon	105°C	600	Excellent	Excellent	Excellent	Poor
Hypalon®	105°C	500	Good	Good	Good	Good
Cross-Linked Polyethylene	105°C 125°C 150°C	800	Fair	Good	Good	Good
Hermetic	125°C	2500	Excellent	Good	N/A	Poor
EPDM	125°C 150°C	400	Fair - Poor	Good	Good	Fair
Silicone Rubber	150°C 200°C	300	Fair	Excellent	Poor	Good
Silicon Rubber Glass Braid	150°C 200°C	300	Fair	Excellent	Excellent	Excellent
Teflon®	150°C 200°C 260°C	600	Excellent	Excellent	Excellent	Excellent