

V75NT

High performance copolymer fluoroelastomer

Description

It's a general purpose fluoroelastomer copolymer with good overall chemical resistance and good thermal resistance up to 200°C.

Recommended for conventional dry system applications.

Key Attributes

- ▶ Excellent resistance to oils, fuels and hydraulic fluids at high temperature.

Typical Applications

Vacuum pumps and compressors (high temperature applications)

Chemical pumps and valves

Couplings and quick connectors

Bonded slit valve doors

Chamber seals

Door seals

Window seals

Other materials in this range

V74C



Typical Material Properties

Property	ASTM	ISO	Value
Material Type	FKM	FPM	Type 1
Colour			Black
Hardness: (°IRHD)	D1415	ISO48	79
Tensile Strength (MPa)	D412	1S037	15
Elongation at break (%)	D412	ISO37	195
Compression Set: 22 hrs @ 200°C	D395	ISO815	20%
TR10	D1329		-17°C
Minimum Operating Temperature (static operation)			-20°C (-4 °F)
Maximum Operating Temperature			+200°C (+392 °F)

SPECIAL NOTE: This information is to the best of our knowledge accurate and reliable. However, PPE Ltd makes no warranty, expressed or implied, that parts manufactured from this material will perform satisfactorily in the customer's application. It is the customer's responsibility to evaluate parts prior to use, especially in applications where their failure may result in injury and/or damage. It should also be noted that all elastomeric parts have a finite life, therefore a regular program of inspection and replacement is strongly recommended. The material properties above should not be used for specification purposes.



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