

Perlast® G75G

Perfluoroelastomer

Precision Polymer Engineering Ltd.

Message:

Perlast® G75G is an easily identifiable, cost effective perfluoroelastomer designed to meet the sealing needs of many industrial applications requiring broad chemical resistance.

The green colour of Perlast® G75G aids stock control, preventing it from being confused with lower cost, commodity elastomers.

Perlast® G75G offers high sealing efficiency and provides excellent resistance to highly aggressive acids, bases, amines, chlorine and solvent-based chemistries.

Key Attributes

Green in colour

Broad chemical resistance

High temperature resistance

Typical Applications

Chemical distribution tanker seals

Soap dispenser seals

General Information			
Features	Solvent resistance		
	Good chemical resistance		
	alkali resistance		
	Chlorine resistance		
	Heat resistance, high		
	acid resistance		
Uses	Seals		
Appearance	Green		
Hardness	Nominal Value		Test Method
IRHD Hardness	73		ASTM D1415, ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	9.60	MPa	ASTM D412, ISO 37
Tensile Strength (Yield)	16.8	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	240	%	ASTM D412, ISO 37
Compression Set (200°C, 24 hr)	20	%	ASTM D395, ISO 815
Thermal	Nominal Value	Unit	
Maximum Operating Temperature	310	°C	
Additional Information			

Minimum Operating Temperature: -15°C (+5°F)

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