

TECHNICAL PRODUCTS INFORMATION

PRODUCT NAME: SILICONE VALVE SEAL

A silicone compound for the lubrication of valves and stopcocks in gas systems over a wide temperature range. It is resistant to many organic chemicals, hot and cold water, low-pressure steam and many gasses. Provides lubrication and protection for 'O' rings.

COST SAVING BENEFITS

1. Resistant to a wide range of different chemicals.
2. Due to thixotropic nature, the compound thickens up after movement to ensure excellent sealing properties.
3. Protects components from corrosion and seizure.

METHOD OF APPLICATION

Apply thinly to cleaned surfaces.

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	Translucent white. smooth grease
NILGI classification	2
Worked penetration (IP50)	260 to 295
Dropping point (ASTM D2265)	above 240°C
Operating temperature range	-40°C to +200°C
Chemically resistant to:-	
Hot and cold water	
Low pressure steam	
40% Nitric acid	
Concentrated Sulphuric acid (up to 45°C)	
90% Glycol	
Glycerine	
Lubricating oils	
Refinery gasses	
Natural gas	
Liquid ammonia	
Sulphur dioxide	
Frigen 114	



BS EN ISO 9002: 1994
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