

Garlock GYLON[®] HP3563 PTFE Gasketing, Steel Insert, Oxygen Service

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Gylon[®] with perforated 316LSS insert - Oxygen service Perforated stainless steel core increases resistance to pressure fluctuations and thermal cycling GYLON[®] offers superior cold flow and creep resistance, eliminating the need for frequent retorquing Seals aggressive chemicals in hostile environments where safety or blowout resistance is crucial Media: Strong caustics, Moderate acids, Chlorine, Gases, Water, Steam, Hydrocarbons, Cryogenics, Aluminum fluoride Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-GYLON-HP3563-PTFE-Gasketing-Steel-Insert-Oxygen-Service.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------|---------|---|
| Permeability | 0.015 | 0.015 | Gas Permeability, cc/min; DIN 3535 Part 4 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|----------|-------------------------|
| Tensile Strength | 34.5 MPa | 5000 psi | across grain; ASTM F152 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|-------------------------------|-------------------------------|------------|
| Maximum Service Temperature, Air | 260 Å°C @Pressure 17.2 MPa | 500 Å°F @Pressure 2500 psi | Continuous |

| Descriptive Properties | Value | Comments |
|------------------------------|-------|-------------|
| Compressibility, % | 3-7 | ASTM F36 |
| Creep Relaxation, % | 20 | ASTM F38 |
| Sealability ASTM F37B, ml/hr | 0.1 | ASTM Fuel A |

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