

## Garlock GRAPH-LOCK® 3128 HOCHDRUCK® Graphite Sheet Gasketing, Steel Reinforced

Category : Carbon , Graphite , Metal , Ferrous Metal , Stainless Steel , T 300 Series Stainless Steel

### Material Notes:

High performance multi-layer graphite with 316SS inserts provides high compressive strength, blow-out resistance, excellent handling properties and improved tightness. Pure exfoliated graphite flake material excels in extreme conditions, withstanding heat, pressure, and aggressive chemicals. Proven fire-safe. Seals easily under moderate bolt load, offers superior torque retention. Retains dimensional stability in high temperatures; seals tightly even during pressure fluctuations. Information provided by Garlock Rubber Technologies

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Garlock-GRAPH-LOCK-3128-HOCHDRUCK-Graphite-Sheet-Gasketing-Steel-Reinforced.php](http://www.lookpolymers.com/polymer_Garlock-GRAPH-LOCK-3128-HOCHDRUCK-Graphite-Sheet-Gasketing-Steel-Reinforced.php)

Physical Properties	Metric	English	Comments
Permeability	0.40	0.40	Gas Permeability, cc/min; DIN 3535 Part 4

Mechanical Properties	Metric	English	Comments
Tensile Strength	31.0 MPa	4500 psi	ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	649 Å°C	1200 Å°F	Steam
	454 Å°C	850 Å°F	
	@Pressure 13.8 MPa	@Pressure 2000 psi	
Minimum Service Temperature, Air	-240 Å°C	-400 Å°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	99.85 %	99.85 %	

Descriptive Properties	Value	Comments
Compressibility, %	30-40	ASTM F36
Creep Relaxation, %	10	ASTM F38
Sealability ASTM F37B, ml/hr	0.1	Nitrogen
	0.2	ASTM Fuel A

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