

L-460 is a premium sheet gasket material utilizing graphite and aramid fibers, it is bound together with a high quality nitrile rubber binder.

L-460 is designed to perform at high temperatures and pressures. Standardization and consolidation of many other gasket materials can be achieved by the use of L-460.

Applications and Characteristics:

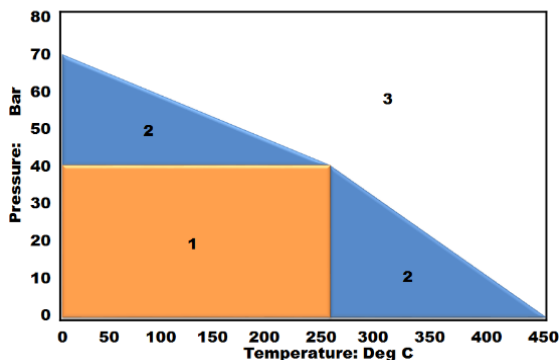
- Excellent sealing ability, high resistance to creep
- Good steam resistance
- Stronger acids and alkalis, inert gases, general chemicals, oils and fuels
- Petroleum and petroleum derivatives.

Please refer to Lamons Chemical Compatibility Chart for more information

Creep Relaxation	ASTM F-38B (1/32")	19%
Residual Stress	DIN 52913 (50MPa @ 175 Deg C)	30 MPa
	BS7531 (40MPa @ 300 Deg C)	25 MPa
Sealability	ASTM F-37A (1/32")	0.3 ml/hr
Gas Leakage	DIN 3535/6	< 1.0 cc/min
Compressibility	ASTM F-36 J	11 %
Recovery	ASTM F-36 J	55% min
Tensile Strength	ASTM F-152	1500 psi (10 MPa)
Weight Increase	ASTM F-146 after immersion in Fuel B for 5 Hrs @ 73°F (23°C)	10% max
Thickness Increase	ASTM F-146	
	ASTM Oil 1, 5 hrs / 300°F (149°C)	0 – 10%
	ASTM Oil 3, 5 hrs / 300°F (149°C)	0 – 10%
	ASTM Fuel A, 5 Hrs / 73°F (23°C)	0 – 10%
	ASTM Fuel B, 5 Hrs / 73°F (23°C)	0 – 10%
m & y values	1/16" thickness	1/8" thickness
m	2.5	3.2
y	3800	4100
Dielectric Strength	ASTM D149-95a	5 kV/mm
Leachable Chlorides	FSA Method (Typical)	200 ppm
Density		106 lbs/ft ³ (1.7 g/cc)
Color	Black	
Thickness Range	1/64" (0.4mm) to 1/8" (3.2mm)	
Sheet Size Availability	Max: 120" x 60" (3m x 1.5m)	
Approvals	Meets "BS7531 Grade AX"	

All Lamons sheet gasket materials are supplied with anti-stick coating as standard.

L-460 PRESSURE / TEMPERATURE GRAPH



All Pressure / Temperature values are based on 1/16" (1.5mm) gasket thickness.

1. Suitable (Chemical Compatibility has to be considered).
2. Please contact our engineering department for clarification.
3. Not Suitable.

Please contact Lamons Engineering for further details: engineering@lamons.com