

METAL REINFORCED FIBER GASKET MATERIAL

Common Applications

Catalytic Converter Gaskets, Exhaust Manifold Gaskets, EGR Gaskets, Heat Shield Applications, Diesel Exhaust Gaskets

TEMPERATURE RATING 1000 °C/1800 °F

General Description

Fiber gasket uses a 0.008" ETP (electrolytic tin plate) low carbon steel core. The core is then laminated on two sides with a facing composed of heat resistant vermiculite and ceramic fibers chemically bonded with an NBR binder. It is designed for hot gas applications where extreme heat is present.

The fiber facings are mechanically bonded without the use of any adhesives, providing stability and integrity even when exposed to high heat, scrubbing and vibration. Color is light brown.

Full Face Fiber Gaskets			
PHYSICAL TEST PROPERTIES	SPECIFICATION RANGE	NOMINAL TEST VALUES	TEST METHOD
Compression @ 34.5 MPa (5000psi)	25-40%	35%	ASTM F-806
Recovery @ 34.5 MPa (5000psi)	30% Min	34%	ASTM F-806
Ignition Loss (1 hour @ 1500° F)	30% Max	27%	
Air Aging 70 hrs. @ 540° C (1000° F)			
Thickness Loss	0-10%	6%	ASTM D-573
Weight Loss	20% Max	11%	ASTM D-573
Fluid Immersions (22 hours @ 78°-85° F)			
Fluid Resistance ASTM IRM903 Oil			
Thickness Change	10-20%	12%	ASTM F-146
Weight Change	70% ▲ Max	58%	ASTM F-146
Fluid Resistance ASTM Fuel B			
Thickness Change	10-20%	15%	ASTM F-146
Weight Change	50% ▲ Max	45%	ASTM F-146

*For graphite, ceramic or other gaskets, please contact the factory: sales@inExhaust.com