

HXF-650

Standard/Nonasbestos Facing Material

Description

HXF-650 is a high-temperature sealing and shielding material intended for use as a facing on tanged-steel core, or as a core material in metal-clad applications. Typical uses include exhaust flange, header/manifold, down pipe, and collector gaskets, EGR, turbocharger, and catalytic converter gaskets, small engine head and muffler gaskets, and shield or shield liner applications.

Typical Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	0.96 (60)	ASTM F 1315
Compressibility, % (at 6.9MPa)	30	ASTM F 36
Recovery, %	45	ASTM F 36
Tensile Strength, AMD, MPa(psi)	4.8 (700)	ASTM F 152
Weight Loss on Ignition, % (at 815°C)	27	ASTM F 495
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	3	
Change in Weight, %	55	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	4	
Change in Weight, %	45	
Fluid Resistance, Glycol/Water 50/50		ASTM F 146
Change in Thickness, %	23	
Change in Weight, %	88	
Binder Type	Nitrile Butadiene	

Remarks and Related Documents

Typical values determined by the test methods required for ASTM F-104, Type 3 materials.

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