

High Temperature Gasket Specifications

SKU's starting with KHTG

COMMON APPLICATIONS

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

TEMPERATURE RATING

1000°C / 1800°F

SPECIFICATION

PHYSICAL TEST PROPERTIES	SPECIFICATION RANGE	NOMINAL TEST VALUES	TEST METHOD
Compression @ 34.5MPa (5000 psi)	25-40 %	40%	ASTM F-806
Recovery @ 34.5MPa (5000 psi)	30% Min.	34%	ASTM F-806
Ignition Loss (1 hour @ 1500 degrees F)	30% Max.	27%	ASTM F495
Air Aging 70 hrs. @ 540°C (1000°F) (Thickness Loss)	0-10%	6%	ASTM D-573
(Weight Loss)	20% Max.	11%	
Fluid Immersions (22 hours @ 70-85 degrees F)			
Fluid Resistance ASTM IRM903 Oil			ASTM F-146
Thickness Change	10-20%	12%	
Weight Change	70% ▲ Max.	58%	
Fluid Resistance ASTM Fuel B			ASTM F-146
Thickness Change	10-20%	15%	
Weight Change	50% ▲ Max.	45%	