



Innovations in Fluid Sealing



TECHNICAL DATA SHEET

Special High Temperature Gasket Sheet **TYPE HTG 1100**




Description:

TYPE HTG 1100 is a high temperature gasket, an insulation material base on Ceramic Fibres which stands out for its high temperature limit and low heat conductivity. Type HTG 1100 is best suited for steel works, glass industries, industrial furnace, foundries, electrical equipment and boiler industry.

Operational Parameters:

Description	Test Method	Unit	Value
Binder			Organic
Colour			White with honeycomb
Temperature limit		°C	1100
Tolerance in thickness		%	±10
Density	DIN 28 090-2	g/cm ³	0.91
Tensile Strength	DIN 52 910		
Longitudinal		N/mm ²	4
Transverse		N/mm ²	2
Compressibility	ASTM F 36 K	%	≤25
Recovery	ASTM F 36 K	%	≥30
Loss on ignition	DIN 52 911	%	17
Decrease in thickness	1h/800°C	%	≤2.5
Shrinkage by surface	1h/800°C		
Longitudinal		%	≤2
Transverse		%	≤2
Heat conduct @ 400°C average		W/m*K	0.11

Typical Application:

-  Steel works.
-  Foundries.
-  Furnace and boiler construction.

Availability:

Size : L X W (1000mm x 1000mm)
Thickness : mm (1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0 & 10.0)

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

INMARCO FZC

P.O. Box 120284, Sharjah Airport International Free Zone (SAIF-Zone), Sharjah, UAE
Tel. No.: +971 6 5578378 Fax No.: +971 6 5578948
Email: info@inmarco.ae Web.: www.inmarco.ae