

Graphite Sheet reinforced with Tanged Metal

Code: KXTB203



Description

Graphite Sheet Reinforced with tanged metal insert is made from KXTB201 Flexible graphite sheet through specially pressing or sticking process. The insert materials can be SS304, SS316, Nickel, etc. It used in kinds of conditions, and various gaskets.



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- * Long life and less maintenance
- * Replacement for asbestos, new more applications are being identified daily.
- * Excellent comprehensive properties
- * Good compressibility and resilience, small stress relaxation, fine compensation function
- * Permanently elastic, even in hot-cold cycles over the entire temperature range, no aging, no brittleness, no hot or cold flow.

Technical Data

Item	Industrial grade	Unclear grade
Tolerance of density g/cm ³	+/-0.06	+/-0.05
Carbon content >/= %	98/99	99.5
Tensile strength >/= Mpa	3~20	5~25
Compressibility >/= %	30	30
Recovery >=/ %	15	15
Sulphur content </= %	1200	700
Chlorine content </= %	50	25
Stress relaxation rate %	10	10
Ignition loss </= %	2.0	0.5

Temperature: -240~+550°C under oxidizing environment

-240~+3500°C under non-oxidizing environment

PH: 0~14

Dimensions

Item	Sheets
Density g/cm ³	1.0
Length	500, 1000, 1500mm
Width mm	1000, 1500, 2000
Thickness mm	0.5~3.0

Special density and thickness, shape or grade available on request.

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