

Pure Graphite Tape



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Basis

Aerolite flexible graphite corrugated tape and self-adhesive tape made of pure expanded graphite Tape pressed by figured roller.

Applications

The tape is commonly molded into packing rings, and can be wound directly around valve rod and pump axis. In emergency situations, it can also be adhered to sealing surfaces of straight line or large diameter flanges as gasket.

Technical Data

	Specified Value	Unit
Min. Temperature (in non-oxidizing atmosphere)	-240	°C
Max. Temperature (in non-oxidizing atmosphere)	1650	°C
Min. Temperature (in oxidizing atmosphere)	-240	°C
Max. Temperature (in oxidizing atmosphere)	454	°C
Min. Temperature (in steam)	-240	°C
Max. Temperature (in steam)	649	°C
Carbon Content	99.2	%
Tolerance of Thickness	0.035	Mm
Tensile Strength	4.65	Mpa
Compressibility	46	%
Rebound Force	14	%
Loss on Ignition (450°C)	0.68	%
Loss of Ignition (600°C)	18.3	%
Sulfur content	1100	Ppm
Chlorine content	51	Ppm

Standard Manufactured according to JB/T7758-2-2005

● Standard Size

Width	Thickness (mm)	Length (mm)
6.0	0.4	15
10.0	0.4	15
14.0	0.4	15
17.0	0.4	15
20.0	0.4	15
25.0	0.4	15
30.0	0.4	15
35.0	0.4	15
40.0	0.4	15
50.0	0.4	15

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