

# Graphite Sheet Reinforced with Metal Foil

Code: KXTB202



## Description

Flexible Graphite Sheet, normally we call it "Expanded Graphite Sheet", it is made from high quality and purity flake graphite, which is gone through chemical treatment, expanding under high temperature and then rolling. It is a basic material for making different kinds of graphite sealing products.

**KXTB201N - Unclear grade Flexible graphite sheet**



Item no.: KXTB202

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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

## Typical Application

\* Suitable for making gaskets of cylinders for air compressors, internal combustion engines and packing for different kinds of piping, and flanges

\* The condition of high pressure and high temperature

## Technical Data

Item	Industrial grade	Unclear grade
Tolerance of density g/cm <sup>3</sup>	+/-0.06	+/-0.05
Carbon content >= %	98/99	99.5
Tensile strength >= Mpa	4	5
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~+500°C under oxidizing environment

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

PH: 0~14

## Dimensions

Item	Sheets
Density g/cm <sup>3</sup>	1.0

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Ningbo Kaxite Sealing Materials Co., Ltd.

No.134,Huancheng North Road,Jiangbei District,Ningbo City,Zhejiang Province,China (Zip:315020)

Website:<http://www.seal-china.com> E-mail:[sales@seal-china.com](mailto:sales@seal-china.com),[kaxite@seal-china.com](mailto:kaxite@seal-china.com)

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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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Website:<http://www.seal-china.com> E-mail:[sales@seal-china.com](mailto:sales@seal-china.com),[kaxite@seal-china.com](mailto:kaxite@seal-china.com)