



Cixi Weillite Sealing Material Co., Ltd

WLT- 001C Flexible Graphite Sheet with tanged carbon steel inserted Graphite sheet + 0.20 to 0.25mm Tanged carbon steel + Graphite sheet

Introduction

WLT- 001C Reinforced Graphite Composite Sheet is made from flexible graphite sheet reinforced with a single insertion of tanged 0.20 mm to 0.25mm thick carbon steel (tinplate). No adhesive is required to bond the graphite layers as the graphite material is fixed to the insert by small, sharp teeth, resulting in a sturdy gasket material which is relatively easy to process and handle.

Applications

This product is used frequently in flange connections for piping and machinery. Its wide temperature range and excellent stress retention make it extremely suitable for use in steam systems, in the chemical and petrochemical industries, processing industry, etc. Reinforced Graphite Composite Sheet is mainly used for making cylinder gaskets of engines and punching into all kinds of sealing gaskets.

Technical data:

Property	Standard	value
Thickness mm		1.0 to 3.0
Density(graphite sheet) g/cm ³		1.0
Temperature °C	In oxidizing media	-200°C to +550°C
Max. pressure bar		140
Sulphur content ppm		<1500
Chloride content ppm		<50
Compressibility %	ASTM F36A-66	30-35
Recovery %	ASTM F36A-66	≥20

Standard Size

Length: 1000mm, 1500mm

Width: 1000mm, 1500mm

Thickness: 1.0mm to 3.0mm