



Cixi Weillite Sealing Material Co., Ltd

WLT- 001D Flexible Graphite Sheet with flat 0.05mm SS316 inserted

Graphite sheet + 0.05mm Flat SS316 + Graphite sheet

Introduction

WLT- 001D Reinforced Graphite Composite Sheet is made from flexible graphite sheet laminate with one flat stainless steel 316 insertion. The thickness of the stainless steel 316 is 0.05 mm. The graphite sheet is fixed to the insertion by means of a super adhesive layer. This reinforcement makes for a sturdy gasket sheet that is easy to handle, and simple to process into gaskets.

Applications

Reinforced Graphite Composite Sheet is primarily used for smaller gaskets and gaskets with a narrow land-width such as gaskets for tongue and groove flanges. The material finds many applications in the chemical and petrochemical industries.

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	40-50
Recovery %	ASTM F36A-66	≥10

Standard Size

Length: 1000mm, 1500mm

Width: 1000mm, 1500mm

Thickness: 1.0mm to 3.0mm

We still produce the flexible graphite sheet with flat 0.05mm SS304 inserted.

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