

DESCRIPTION

Unigraph 500® is a new asbestos free sheet material graphite based.

This jointing sheet is a PATENT of FMI.

COLOUR

Black

SERVICES

Unigraph 500® is recommended for industrial application involving high sealing stress and chemical resistance. It can be used with steam and a wide range of media .

It is recommended when a superior load retention at elevate temperature and an excellent creep relaxation value are required.

PEAK TEMPERATURE

650° C (inert or reducing media)

MAXIMUM WORKING TEMPERATURE

450° C (oxidising media)

MINIMUM RECOMMENDED TEMPERATURE

-200° C

MAXIMUM RECOMMENDED PRESSURE

10 MPa (100 bar)

Temperature and pressure values can not be reached simultaneously.

TYPICAL PHYSICAL PROPERTIES:

Thickness		mm	1,50
Density of graphite		gr/cm³	0,9-1,1
Ash content		%	< 2
Din3535-6 Leakage rate		mg/sm	< 0,1
Din3535-6 Compressibility		%	40-50
DIN 3535-6 Recovery		%	3-7
Din3535-6 Creep value		%	5-10
Max gasket load 20° C		Mpa	<120
Tensile strength		Mpa	> 4

AVAILABILITY:

Sheets size (m)	1,5x1,5 m	Other sizes on request
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