

Expanded Graphite Sheet
CAZ Grafoil™ 440

Joint Sheets

CONSTRUCTION:

CAZ 440 Pure Expanded graphite sheets

Grafoil™ is Selected from the high purity natural flake graphite. They are made through the advanced chemical treatment and mechanical procedure without fibers, binders or other additives. It offer excellent sealing capabilities under extreme conditions with a longer life and less maintenance.

Nuclear Style grade:440N

APPLICATION:

Made for packing rings and various kinds of gaskets.

Cut into strip for filler of spiral wound gasket - Style **TA440**

Used widely in chemical, automotive and pump, valve industries. As a superior replacement for asbestos, new more applications are Being identified daily.

Temperature: -240~500°C under oxidizing environment

-240~3500°C under non-oxidizing environment

PH Range: 0 - 14

PARAMETER:



Item		Nuclear grade	Industrial grade
Tolerance of Density	g/cm ³	±0.05	±0.06
Carbon Content	≥%	99.5	98/99
Tensile strength	≥Mpa	5	4
Compressibility	≥%	30	30
Recovery	≥%	15	15
Sulphur Content	≤ppm	700	1200
Chlorine Content	≤ppm	25	50
Stress relaxation rate	%	10	10
Lgnition loss	≤%	0.5	2.0

DIMENSIONS:



Item	Sheets	Rolls
Density g/cm ³	1.0	1.0
Length	1000, 1500mm	30~100m
Width mm	5~1000, 1500	3~1000~1500
Thickness mm	0.5~3	0.2~1.1

Special density, thickness, shape or grade available on request.

Style of graphite cut gasket:G440