

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**

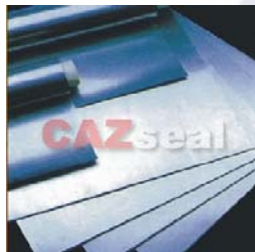
Used widely in chemical, automotive and pump, valve industries. As a superior replacement for asbestos, new more applications are Being identified daily.

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 | ≤% | 700 | 1200 |
| Chlorine Content | ≤% | 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