

*Expanded Graphite Tape*  
**CAZ-TA440, TA440C, TA440CS**

*Packing & gasket materials*

**CONSTRUCTION:**

**TA 440 Expanded Graphite Tape**

It cut from pure graphite roll by exact lathe, normal for filler of spiral wound gaskets and die-formed graphite ring. Style TA440S with adhesive coating, it is easy to assemble.



**TA 440C Corrugated Graphite Tape**

It cut from pure graphite roll by exact lathe, and then press it with corrugated profile by special calender. Style **TA440CS** is corrugated graphite tape with self-adhesive coating. Both of TA440 and TA440CS with corrosion inhibitor, are also available on request.

**APPLICATION:**

Designed for use as packing, just with wrapping tape to stem or shaft, and then stuffing, endless packing can be formed. It's easily installed for small diameter valves, and can also be used for emergencies when spare packings are not available.

It can handle hot water, high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic solvents and so on.



**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 <sup>3</sup>	±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

**DIMENSION:**



Width mm	Length m	Thickness mm	Section size mm
10	15/12	0.4/0.5	6
15	15/12	0.4/0.5	9
20	15/12	0.4/0.5	12
25	15/12	0.4/0.5	15

With self-adhesive coating, normal 12m/roll

Other size or density on request.