

Die-Formed Graphite Ring
CAZ- 241(K), 240E(K)

Pumps & Valves Stuffing

CONSTRUCTION:

CAZ 241 Die formed Graphite Ring



CAZ die formed ring are made of low-sulphur expanded graphite without any fillers or binders. They are compressed in precise moulding tools to the required density. Due to the high purity of the material (>98%), no special corrosion protection is required. In general, it has square section and also has V-shaped and wedge-shaped section, the rear two kinds style are suitable for high pressure sealing.

CAZ 241E—Reinforced Die formed Graphite Ring



Moulded from pure flexible graphite with reinforcement, the insert materials stainless steel foil or mesh etc. are available on request. To protect against oxidation, the stainless steel cap is necessary.

241K—Die formed Graphite Ring with Corrosion Inhibitor

Corrosion inhibitor acts as a sacrificial anode to protect the valve stem and the stuffing box.

241EK is reinforced graphite ring with corrosion inhibitor.

APPLICATION:

It has all properties of expanded graphite, can bear violent alteration of temperature and pressure. It is ideal packing for valves and static seal in almost all applications. Can be used as stand-alone packing or in combination 244 high carbon fiber anti-extrusion packing rings, except when stems are severely damaged.

CAZ have cooperation with more famous Valve manufacturer in the world.

PARAMETER:

	Fans (Dry running)	Agitators	Valves
Pressure	10Bar	50Bar	800 Bar
Shaft speed	10m/s	5m/s	2m/s
Density	1.2~1.75g/cm ³ (Normal: 1.6g/cm ³)		
Temperature	-220~+550°C (+2800°C in non-oxidizing environment)		
PH range	0~14		

DIMENSIONS:

As pre-pressed rings (full or split)
Straight cut and slanted cut on request.

Supply size:

Min. cross section: 3mm

Max. diameter: 1000mm

For special profiles, rectangular, with inner- or outer bevel, with cap, please offer detailed drawing & sizes.

Graphite of nuclear grade (≥99.5%) on request.

