

*Hi-Mica Sheet*  
**CAZ 480 Hi-mica™**

*Joint Sheets*

**Gasket Materials:**

**CAZ 480 Soft Golden Mica Sheet**

An asbestos-free sealing material, It's made by selected mica material mixed with proper adhesive after pressed and baked, It has good mechanical strength and strength and property of heat resistance. It can be cut into various gaskets, also used as filler for spiral wound gaskets. On request, it can be reinforced with tanged metal. It has proven beyond doubt the best and most reliable permanent sealing characteristics, low minimum compressive load, self-adjusting to enlarging gaps, no burning or sticking to flanges, compensating action in ceramic/steel joints with unequal expansion.

**CAZ482 Soft White Mica Sheet**

**480T Golden Mica Sheet Reinforced with Tanged Metal (1.2~5mm)**

Normal reinforcement materials: Tanged carbon steel, SS304, SS316 etc

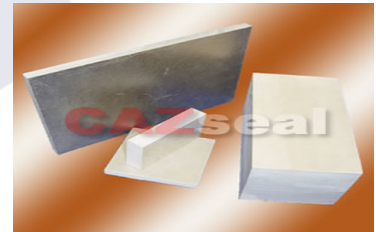
Normal Size mm	1000×1200, 600×1000
Thickness	0.5~5mm
Temperature	650~900°C
Pressure	10Mpa
Density	1.8~2.1g/cm <sup>3</sup>



**Insulation Materials:**

**482H Hard White/Golden Mica Sheet**

High-performance thermal and electrical insulation is designed for electromechanical and thermomechanical applications requirement, It is used as a replacement for asbestos and other insulating boards for a variety of applications.



Item		Test by	4322
Binder content %			10-15
Density g/cm <sup>3</sup>		IEC371-2	2.45
Heat Resistance	Continuous °C		500/700
	Peak °C		700/1000
Weight loss continuous temperature	500°C %		<1
	700°C %		<2
Water absorption 24h/23°C %			<1
Fire resistance classification		UL94	94V-0
Dielectric strength	20°C kV/mm	IEC243	25
	400°C/ 1 hour, tested at 20°C kV/mm	IEC243	13
	600°C/ 1 hour, tested at 20°C kV/mm	IEC243	10
Volume resistivity	20°C ohm.cm	IEC93	10 <sup>-16</sup>
	400°C ohm.cm		10 <sup>-12</sup>
	500°C ohm.cm		10 <sup>-9</sup>
Normal dimension: 1200×1000mm, 600×1000mm, Thickness: 0.2~80mm			

Note: UL Recognized Component 94V-0 Flame Class Rating, File card E216697