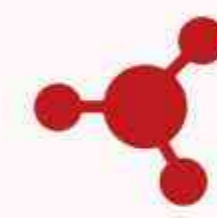
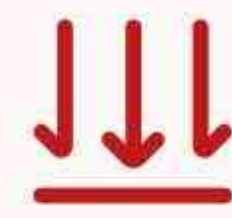


Ceramic Fiber Board



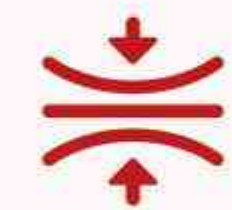
Lightweight
High Strength.



High Compressive
Strength



Evenly Heated



Good Toughness

Application:

Ceramic fiber board is a kind of refractory material, usually composed of alumina and silicate, and it is also called an aluminum silicate board.

Technical Data:

Item	Ordinary Type	Standard Type	High Purity Type	High Alumina Type	Zirconium Containing Type
Classification Temperature, °C	1100	1260	1260	1360	1430
Working Temperature, °C	<1000	1050	1100	1200	1350
Bulk Density, kg/m ³	260-320	260-320	260-320	260-320	260-320
Permanent Linear Change, %	-4(1000°C)	-3(1000°C)	-3(1000°C)	-3(1250°C)	-3(1350°C)
Thermal Conductivity , W/(m·k) (128kg/m ³)		0.09 (400°C),	0.176 (800°C),	0.22 (1000°C)	
Strength of Extension, Mpa	0.5	0.5	0.5	0.5	0.5
Al ₂ O ₃ , %	44	46	46~49	52-55	39-40
Al ₂ O ₃ +SiO ₂ , %	96	97	99	99	-
Al ₂ O ₃ +SiO ₂ +ZrO ₂ , %	-	-	-	-	99
ZrO ₂ , %	-	-	-	-	15~17
Fe ₂ O ₃ , %	<1.2	<1.0	0.2	0.2	0.2
Na ₂ O+K ₂ O, %	≤0.5	≤0.5	0.2	0.2	0.2
Size, mm	Length, Width Regular Size, Thickness 3-100mm, Customized Size				