



## Ceramic Fibre Blanket

### Technical Characteristics:

- \* Excellent thermal stability and thermal shock resistance
- \* Excellent chemical stability
- \* Excellent tensile strength
- \* Low thermal conductivity
- \* Good sound absorption
- \* Low heat storage



Classification		1260		1400
Temp °C				
Product Name		STD	HP	HZ
Product Code		HY-212	HY-312	HY-512
Chemical Composition (%)	Al <sub>2</sub> O <sub>3</sub>	≥45	≥45	38 - 40
	SiO <sub>2</sub>	51 - 52	53 - 54	44 - 45
	ZrO <sub>2</sub>	-	-	15 - 17
Density (kg/m <sup>3</sup> )		96, 128		
Tensile Strength Mpa (25mm thick)		≥0.04		
Shrinkage on Heating (%)		1000°C x 24h ≤-3	1100°C x 24h ≤-3	1350°C x 24h ≤-3
Thermal Conductivity W/M.K	200C	0.045 - 0.060		0.052 - 0.070
	400C	0.085 - 0.110		0.095 - 0.120
	600C	0.152 - 0.200		0.164 - 0.210
Standard Size of Products		13mm x 610mm x 15.24m, 25mm x 610mm x 7.62m 38mm x 610mm x 5.0m, 50mm x 610mm x 3.81m		
Packaging		Carton, Woven Bag		
Quality And Environment Control System		ISO 9001 - 2000, ISO 14001 - 1996		

### Application Range:

- \* Used for wall linings and backup linings of industrial furnaces and for sealing and insulating of expansion gaps of furnace walls, furnace doors, furnace roofs, kilns etc.
- \* Insulating material for tubes, ducts, chimneys and domestic appliances.
- \* Excellent material for fire protection and thermo-acoustic insulation.