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## TECHNICAL DATA

### Ceramic Fibre Paper Style **CP series** Isotek

Ceramic Paper **CP series** is manufactured using washed ceramic fibres and small amounts of organic binder to give a uniform and flexible paper that can be supplied in rolls, coils or cut shapes. The wet forming process ensures a very low conductivity and dimensional stability up to its maximum continuous temperature. Modern purpose built manufacturing plant ensures exceptional consistency of thickness and a smooth surface. The paper exhibits a high tensile strength, toughness and flexibility and is simple to cut using a knife, scissors or conventional gasket cutting machinery. The small amount of organic binder gives the paper excellent cold handling strength and burns out of the paper at the first firing. It is asbestos free.

	<b>HP1260 Hi Purity</b>
Application Highlight:	General Purpose
Service Temperature:	1260°C
Melting Temp:	1760°C
Lineal Shrinkage: %	≤3
(24hr at temp °C)	1100°C
Physiologically Harmless:	Refer MSDS
Combustibility:	Non combustible
Thermal Conductivity:W/mK	0.06 @ 260°C, 0.09 @ 538°C, 0.15 @ 816°C, 0.23 @ 1093°C
Density: kg/m3	160 - 220
Tensile strength: MPa	0.4 to 0.5
Loss of Ignition: %	6 -10

#### TYPICAL APPLICATIONS

Expansion joints  
 Fire protection  
 High temperature gasket  
 Ingot mould liner  
 Refractory back up insulation  
 Heat shield and silencer insulation  
 Molten metal splash and spark protection  
 All sectors of industrial activity, Do-it yourself

#### ADVANTAGES

High temperature stability  
 Low thermal conductivity  
 Low heat storage  
 Lightweight  
 Excellent corrosion resistance  
 Good dielectric strength  
 Thermal shock resistance  
 Easy to wrap, shape or cut