



Darco Ceramic Fibre Paper Style CP series Description and Advantages

Darco style **CP series** is the ***HP1260** general purpose Paper, and is manufactured using washed ceramic fibre 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.



	*HP1260 Hi Purity		HP1260 Synthesised		CZ1430 Zircon-contained		
Application Highlight:	General Purpose		Easier die cutting		Higher temp.		
Service Temperature: ° C	1260		1260		1		
Melting Temp: ° C	1760		1760		1		
Lineal Shrinkage: %	≤3		≤3		≤3		
(24hr at temp °C)	1100		1200		1		
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/m ³	160 - 220						
Tensile strength: MPa	0.4 to 0.5		0.5 to 0.7		0.7 to 0.8		
Loss of Ignition: %	6 -10						
Width: mm	610 and 1220						
Thickness: mm	0.5	1.0	2	3.0	4	5.0	6.0
Roll Length: m	60	50	3	20	15	10	10

TYPICAL APPLICATIONS

- Expansion joints
- Fire protection
- High temperature gasket
- Ingot mold 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