



FC BLANKET GASKETS

FibreCast Blanket Gaskets are high temperature low shot blankets which can be die cut, CNC cut or water jet cut in to various shapes to provide a protection or sealing of high temperature applications.



TECHNICAL COMPARISON

	LBP (NON RCF)	HP	ZR	PC
Colour	White	White	White	White
Temperature Grade	2012°F (1100°C)	2300°F (1260°C)	2600°F (1427°C)	2912°F (1600°C)
Recommended Operating Temperature	2012°F (1100°C)	2150°F (1175°C)	2450°F (1343°C)	2912°F (1600°C)
Melting Point	2320°F (1270°C)	3200°F (1760°C)	3200°F (1760°C)	3400°F (1871°C)
Density Available pcf (kg/m3)	4, 6, 8, 10 (64, 96, 128, 160)	4, 6, 8, 10 (64, 96, 128, 160)	4, 6, 8, 10 (64, 96, 128, 160)	6, 8 (96, 128)
Linear Shrinkage 24h	@ 1832°F (1000°C) 1.2%	@ 2012°F (1100°C) 1.8%	@ 2372°F (1300°C) 2.0%	@2732°F (1500°C) 0.8%
Chemical Composition				
Al ₂ O ₃	-	44-50%	33-37%	72.0%
SiO ₃	60-70%	50-56%	47-51%	27.7%
MgO	3-7%	-	-	-
ZrO ₂	-	-	13-19%	-
CaO	25-35%	-	-	-
Other	-	-	<1%	<1%

TYPICAL APPLICATIONS

FERROUS

Coke Oven Seals
Soaking Pit Covers
Door Seals
Reheat Furnaces
Ladle Covers
Tundish Seals
Gaskets

CERAMIC INDUSTRY

Kiln Car Insulation/Seals
Continuous/Batch Kilns

PETROCHEMICAL

Fired Heaters
Reformer/Pyrolysis Furnaces
High Temperature Ducts/Pipes
Turbine Insulation
Crude Oil Heaters

POWER GENERATION

Boiler Doors
Boiler Insulation
Pipe Coverings

NON FERROUS

Homogenizing Furnace
Annealing Furnace
Furnace Doors
Trough Covers

OTHER APPLICATIONS

Stress Relieving
Veneer Over Existing Refractory
Glass Furnaces
Fire Protection

FEATURES

Low Thermal Conductivity

High Tensile Strength

Thermal Shock Resistant

Excellent Workability

Sound Absorption

No Dryout Required

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