



## SERATHERM Ceramic Fiber Blanket

Item	STH 018	STH 118	STH 218	STH 318	STH 418	
Max Tem(°C)	1100	1260	1260	1400	1450	
Working Tem (°C)	1000	1050	1100	1260	1350	
Color	white	white	white	white	white	
Density(kg/m3)	96 128	96 128	96 128	128 160	128 160	
Rate of liner (%) (24h, Density 128kg/m3)	-4 (1000°C)	-3 (1000°C)	-3 (1100°C)	-3 (1250°C)	-3 (1350°C)	
Rate of thermal conductivity, (w/m .k) Density 128kg/m3	0.09(400°C) 0.16(800°C)	0.09(400°C) 0.16(800°C)	0.09(400°C) 0.16(800°C) 0.20(1000°C)	0.12(600°C) 0.20(1000°C)	0.16(800°C) 0.20(1000°C)	
Tensile Strength (Mpa) (Density128kg/m3)	0.04	0.04	0.04	0.04	0.04	
Chemical Composition (%)	Al2O3	44	>45	47—49	>45	39-40
	Al2O3+SIO2	96	97	99	99	-
	Al2O3+SIO2+ZrO2	-	-	-	-	99
	ZrO2	-	-	-	5-7	15-17
	Fe2O3	<1.2	<1.0	0.2	0.2	0.2
	Na2O+K2O	≤0.5	≤0.5	0.2	0.2	0.2
Size(mm)	Standard size: 13mm x 610mm x 14400mm 25mm x 610mm x 7200mm 38mm x 610mm x 4800mm 50mm x 610mm x 3600mm Special size can made according to customer's requirement.					

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