

Ceramic Fabric

ITEM	SS wire reinforce	Glass Fiber reinforce
Color	White	
Chemical content		
Al ₂ O ₃ +SiO ₂ (%)	≥97	
SiO ₂ (%)	≥45	
Fe ₂ O ₃ (%)	≤1	
Fiber diameter(μm)	2-4	
Fiber length(mm)	100-200	
Bulk density(kg/m ³)	300-700	
Moisture (%)	≤0.5	
thermal conductivity(hot face), W/m.K		
300°C	0.12-0.13	
600°C	0.13-0.16	
1000°C	0.17-0.20	
Heating liner shrinkage (%)	≤3.5(1000°C x3h)	
High-temp. Loss on Ignition	≤20	≤25
Max. Service temp.(°C)	≤1000°C	≤450°C
Acid-resistance and alkali-resistance (%)	50(10%NaOH after 72 hours) 50(10%N ₂ SO ₄ after 72 hours)	
Reinforced material	Inconel wire	Glass Filament
