



CERAMIC CLOTH S.S. 1.5 MM

TTN Ref no. C105G is a woven fabric made of our high quality ceramic fiber yarns. It can be used for high temperature applications up to 1000° C. The cloth is reinforced with fiberglass filament; extra metal wire reinforcement is available upon request (C105S). It contains a certain amount of binder material which is normally burned at lower temperature and does not affect the insulation property.



C105GH/C105SH heat cleaning: decrease organic elements to be smoke-free while being heated

C105GAL/C105SAL aluminum facing: heat reflection, abrasion proof

C105G-V/C105S-V vermiculite coating: increase resistance to abrasion, flame high heat

Application:

It can be used as expansion joints, safety blankets, curtains, welding blankets, protective and insulating covers, shields, gaskets, cable or pipe wrapping, etc. It has been widely used in welding, foundry works, aluminum and steel mills, boiler insulation and seal, shipyards, refineries, power plants and chemical plants.

Item \ Ref. No	C105S		
Reinforcement	Glass filament + S.S. wire		
Working Temp	1000 °C		
Specified Temp	1260 °C		
Melting Point	1310 °C		
Loss of ignition	≤18%		
Thickness	2mm up to 6mm		
Width	1m up to 1.5m		
Weave	Plain		
Color	white		
Available treatment	Heat cleaning, Alu. Foil facing, Vermiculite coating		
Thermal Conductivity	(538°C) w/mk		
Chemical composition	al ₂ o ₃	46.12%	46.12%
	fe ₂ o ₃	0.8%	0.8%
	50~52%	51.10%	51.10%