

## Thermal Insulation

Mannings re-usable ceramic fibre insulating mats are encased within a stainless steel wire mesh to give extra durability making them suitable for insulating heating elements, pipe work and pressure vessels. Standard thickness and sizes are given in the table.

Stainless steel mesh rolls (for mat repair)					
Stock No.	Description	Length per kg		Roll width (tube flat)	
		ft	m	ins	mm
71100	Stainless steel mesh	12	3.64	24*	635
71101	Stainless steel mesh	24	6.5	12*	330
71111	Stainless steel mesh	41	12.75	5*	127
71121	Stainless steel mesh	44	13.5	4*	102

Ceramic fibre mats stainless steel wire mesh covered				
25mm thick 64kg/m <sup>3</sup>				
Stock No.	Length		Width	
	ins	mm	in	mm
70001	12	300	12	300
70002	24	600	12	300
70003	36	900	12	300
70004	24	600	24	600
70005	36	900	24	600
70006	48	1200	24	600
70007	72	1800	24	600
70008	144	3600	24	600
70009	288	7300	24	600
25 mm thick 96kg/m <sup>3</sup>				
70010	12	300	12	300
70011	24	600	12	300
70012	36	900	12	300
70013	24	600	24	600
70014	36	900	24	600
70015	48	1200	24	600
70016	72	1800	24	600
70017	144	3600	24	600
70018	288	7300	24	600

Please order by weight (i.e. kilograms required) Dimensions marked thus \* are the ceramic fibre mat widths.



Fig. 12

Miscellaneous insulation available	
Stock No.	Description
71200	Ceramic fibre paper roll. 1000 mm wide
71300	Ceramic fibre webbing roll. 25 mm x 50M x 3mm thick
71400	Ceramic fibre cloth roll 10M x 1M x 3mm
Mineral wool rolls and slabs can be supplied to order	
'super wool' and 'knitted silica' insulation also available - Fig. 13	

Non-standard sizes can be supplied on request. Mats are also available for temperatures above 900 °c

Ceramic fibre insulation (unmeshed rolls)								
Stock No.	Thickness		Length		Width		Density	
	ins	mm	feet	m	ft	m	kg/m <sup>3</sup>	lbs/ft <sup>3</sup>
71000	0.75	19	25	7.62	2	0.61	96	6
71001	1.00	25	25	7.62	2	0.61	96	6
71005 Fig. 12	1.00	25	25	7.62	2	0.61	64	4
71010	1.00	25	25	7.62	2	0.61	128	8



Fig. 13