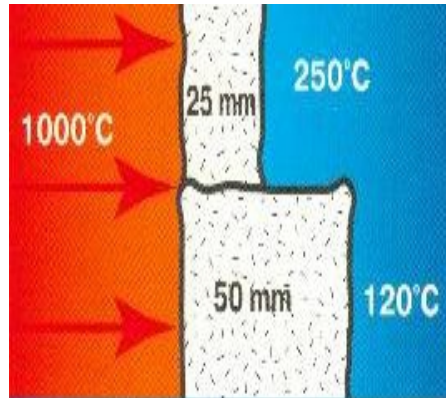


## 6.2, Silica fiber needled mat



Silica fiber needled mat is made from silica fiberglass chopped strands through carding and needling process. The silica fiber randomly distributed in 3-D structure. It has properties of small needling hole and high porosity and were widely used as filtration and high temperature insulation material in coom,steel, nonferrous metal and chemical industry and could be used acoustic insulation, damping and fire resistant material in motorcycle and automobile industry.

Silica fiber chopped strands in various length for needled mat manufacturing available on request.

### Specifications:

Style	Thickness (mm)	Width (cm)	Weight (g/m <sup>2</sup> )	Strength (N/25X100mm)		Bulk Density (kg/m <sup>3</sup> )	Length (m/roll)
				MD	CD		
SNM1''	25	92	3660	80	40	152	10.2
SNM1/2''	12.5	92	1950	40	20	144	18
SNM1/4''	6.3	92	880	15	10	136	35.6
SNM1''-HT	25	92	3660	150	70	152	10.2
SNM1/2''-HT	12.5	92	1950	100	40	144	20
SNM1/4''-HT	6.3	92	880	50	30	136	35.6

### NOTES:

(1) Style **SNM** means none-preshrunk Silica needled mats (thermal shrinkage less than 12.5% at 1,000 C.deg, 60min.), **SNM-HT** means Preshrunk silica needled mat(thermal shrinkage less than 5.0% at 1,000 C.deg, 60min.)

(2) All above products are made of silica fiber with filament diameter 9μm,content 96% of SiO<sub>2</sub>.