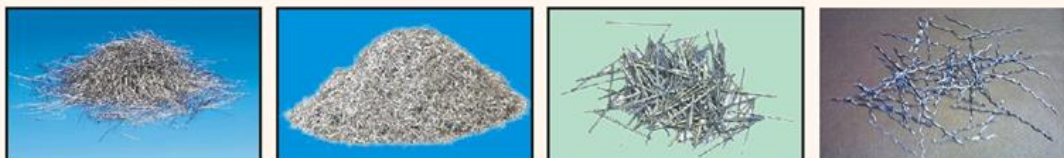


## Refractory Stainless Steel Fibers Melt Extract & Wire Cut



Stainless Steel Fibers are widely used in reinforcing monolithic refractories against thermal and mechanical shock by reducing cracking and spalling susceptibility. Stainless Steel Fibers are widely used in ceramic Processing, Primary metal, Power, Cement, Lime and Petrochemical Industries.

### SS FIBERS NON MAGNETIC & BRIGHT IN COLOR

#### CHEMICAL COMPOSITIONS IN %

SS	C	SI	Mn	P	S	Cr	NI
310	0.08	1.50	2.0	0.045	0.03	24 to 26	19 to 22
304	0.08	1.0	2.0	0.045	0.03	18 to 20	8 to 10

#### MECHANICAL COMPOSITION

SS Grade	Melting Temp.	Service Temp.	Tensile Strength MPa Min	Yield Strength 0.2 % proof(MPa)	Elongation (%In 50 mm) Min
310	1400 C	1100 C	550	245	45
304	1100 C	900 C	515	205	40

#### TYPICAL DIMENSION AND ASPECT RATIO

SS Grade	Fiber Length	Typical Diameter	Typical Aspect Ratio	Typical No/Kg
310 & 304	25 mm	0.5 mm	50	25000 Approx

Grade	Length	Width	Thickness
304, 310, 430, 446	20, 25, 35, 50 Mm	0.5-1.0 Mm	0.2 To 0.75 Mm

#### Note :

■ This fibers are manufactured to the requirements of ASTM A820/A820M-06 Type III which specifies the following dimensional Tolerances

● Length and Equivalent diameter : +/- 10 % ● Aspect Ratio : +/- 15 %

■ The dimensions of fibers are as per customer's requirement.

■ Aspect ratio is calculated as fiber length/diameter

✦ We Also Manufacturer :

All Type Hexmesh ● Hexmesh Accessories

● Fastners ● Turned & Pressed Components.

**Industries Served :** Cement, Ceramics, Steel, TPS, Coke Oven, Glass, Refinery.

#### EXPORT TO COUNTRIES



IRAN



U.A.E.



NEPAL



MALAYSIA



PAKISTAN



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