



Stone Wool Wire Mesh (100 mm)

The Stone Wool Wire Mesh product is used in industrial insulation. Formed by spinning or drawing non combustible volcanic basalt rocks. The result is treated with a thermosetting resin rubber to form a non combustible rolls mat stiched on galvanized wire. The product is suitable for industrial applications.

The Stone Wool Mesh mat is applicable for thermal and acoustic insulation in industrial uses that reach high temperatures such as flue gas ducts, pipelines, boiler walls, industrial piping, ...

Thickness (mm)	100 mm	-
Nominal Density (kg/m³)	130 Kg/m³	ASTM C-303
Nominal Thermal Conductivity	0.033 W/mK	ASTM C-767
Facing	Wire Mesh	-
ASTM Classification	ASTM C-553, C-592	-
Max Working Temperature	1100	ASTM C-547
Service Temp (Hot side)	440°C to 750°C (insulation)	ASTM C-411
Flame Spread	≤ 10	ASTM E-84
Smoke Developed	≤ 25	ASTM E-84
Noise reduction Coef (NRC)	≈ 0.85	ASTM C-423
Water Vapor Sorption	>1% (By weight, water repellent, Non-Hygroscopic)	ASTM C-1104