

CCEWOOL® Rock Wool blanket with Wire Mesh



CCEWOOL heat-resistance Rock Wool blanket with Wire Mesh is manufactured in rolls, which is made from rock wool felt and galvanized iron wire mesh or stainless-steel wire mesh sewn together with galvanized iron wire or stainless-steel wire. It features good elasticity, thermal preservation, and easy construction. Water repellent type and low

chlorine type of products can be manufactured according to the requirement of customers. Aluminum foil, fiberglass cloth, and other veneer materials can also be overlaid to the surface of products.

CCEWOOL heat-resistance Rock Wool blanket with Wire Mesh is ideal for thermal insulation, fire prevention and sound absorption and noise reduction in large pipe networks, large storage tanks and containers, furnaces, and air ducts. It is especially suitable for places with high temperature and vibration or where a high fireproof standard is required.

Characteristics:

Thermal insulation

Absorb noise

Healthy and eco-friendly

Moisture resistance

Energy saving

Application:

Applied into building wall and roof with good insulation and sound absorption property

Widely used as thermal insulation material in boiler, vessel, valve and large-diameter pipe



TDS

CCEWOOL® Rock Wool Blanket			
Maximum Use Temperature (°C)		550	750
Recommended Use Temperature (°C)		450	650
Surface burning characteristics	Flue gas development index	≤25	
	Flame spread index	0	
Combustion performance		Non-combustible A1	
Volumetric hygroscopic rate (%)		≤1	
Mass hygroscopic rate (%)		≤1	
Density (kg/m ³)		80	100
Thermal Conductivity (W/m·K)	70°C	0.04	0.038
	100°C	0.046	0.042
	150°C	0.05	0.048
	200°C	0.064	0.056
	250°C	0.076	0.063
	300°C	0.08	0.07
	350°C		0.077
	400°C		0.085
Health and safety		No asbestos , No irritating odor , No bacteria	

