

Thermal Insulation Mesh



KnitMesh Technologies® thermal insulation mesh provides a cost-effective, widely used means of sheathing and structural reinforcement for numerous industrial thermal insulation materials. The mesh protects the industrial insulation from abrasion and general fibre break-up through handling, vibration and long-term deterioration.



Applications

Combining knitted wire mesh with industrial insulation enables the creation of easily handled semi-rigid sheets, flexible blankets, seals and gaskets. Formed into interlocking asymmetrical loops of wire, thermal insulation mesh offers superb ‘spring back’ and resilience. With almost unlimited applications for sheathing high temperature insulation materials, thermal insulation mesh is widely used across the aircraft, nuclear, automotive, marine, gas and fire protection industries, as well as for oven, boiler and furnace door seals.

Approx. Working Temperature (°C)	Material
400	Stainless Steel 304L/306L
800	Stainless Steel 321/347
1050	Stainless Steel 310 Incoloy DS
1050+	Inconel 601*
1250	Nickel Chrome 80/20
1250+	FeCrAlloy**

*Inconel is a registered trademark of Special Metals Corporation, USA.

**FeCrAlloy is a registered trademark of Kanthal AB

Features & Benefits

- Resistant to temperature extremes
- Increased flexibility and resilience through interlocking loop structure
- Superb mechanical strength enabling re-use
- Accelerates installation and eases fitting in restricted areas
- Custom-manufactured for your specific application
- Can be formed to fit almost any shape
- Wide range of materials to suit temperature and corrosion requirements

Mesh Sizes

KnitMesh Technologies thermal insulation mesh is available Approx. Working in a wide range of sizes.

Quality Assurance

KnitMesh Technologies® is accredited to: ISO9001:2008, ISO14001:2004, OHSAS18001:2007, PAS 99:2006 and ISO/TS 16949:2009



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