

Ceramic Round Braided Rope

Round Braid Ceramic Fibre rope is reinforced with either fibreglass yarns or stainless steel wire for greater strength and stability. These reinforcements are especially important in areas where mechanical vibration and temperature can markedly shorten the service life of many materials.

Applications include: - Gaskets, Flue Duct Seals, Joint & Gap Filler, Pipe Lagging, Furnace & Boiler Insulation for a wide range of industries including - Steel, Glass, Petrochemical, Boiler, Aluminium & Power Generation.

Applications

Static seals for ovens, boilers, ingot moulds, chimney stacks & flue ducts etc

Construction

Nickel Chrome Wire or Fibreglass reinforced Ceramic Yarns braided over a ceramic core.

Properties

Temperature Range: -

With Ni-Chrome Wire Reinforcement*	:	1200°C
With Fibreglass Reinforcement	:	800°C or 1200°C where tensile & mechanical strength are not of prime concern
Colour	:	White
Chemical Resistance	:	Ceramic fibres are very resistant to many chemicals except Phosphoric Acid, Fluorhydric Acid and strong bases
Ignition Loss	:	16 ± 2 %
Thermal Conductivity**	:	0.17 W/m.°C
Chemical Composition	:	SiO ₂ 52 % Al ₂ O ₃ 47 %

*** Not recommended in electrical applications**

** Thermal Conductivity irrespective of either glass or nickel chrome reinforcement.

Availability

Common Sizes: -

Diameter mm	5	6	8	10	12	14	16	18	20	25	30	35	40
Weight - Approx. gms / mtr	9	17	35	45	62	85	120	155	170	260	380	560	720

Other sizes on request.



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