

Datasheet: Kremfast Reflectotherm

Features & Benefits

KPT Reflectotherm is a range of highly reflective, woven glass fibre reinforced sleeving for use in protecting components from both radiant and conductive heat sources. KPT Reflectotherm are constructed of a woven E glass fabric with a aluminum foil laminated to the outer surface utilizing a resilient high temperature adhesive. To minimize fraying the glass fabric is treated with a suitable high temperature resin. The sleeve is formed by folding the material and sewing the edge with a Stainless Steel, Kevlar or Nomex thread.



Applications

KPT Reflectotherm offers superior thermal protection to components, especially in the Automotive Industry, where they are in close proximity to engine and exhaust system. KPT Reflectotherm is typically used to cover/protect:-
Engine wire harnesses
Hoses and tubing
AIC line
Hydraulic and Fuel lines
Control cables

Material Characteristics	Thickness 0.22mm	Thickness 0.4mm
Material	E-Glass Cloth, AL-PET Foil	E-Glass Cloth, AL-PET Foil
Finished Coated Weight (GM 2 +/-10%)	280	520
Cloth Weave	Linen	Satin
Wrap Count Treads /cm	17	19
Wrap Strength (Raw Material)	>350 daN/50mm	>350 daN/50mm
Weft Court THr/cm	12	12
Weft Strength raw material	>200 daN /50mm	>250 dan /50mm
Temperature Glass Clothlong//Short Duration	-50c to 550/850c	-50c to +550c/850c

Availability

KPT Reflectotherm is available in a range of bore sizes from 10mm to 140mm +. KPT Reflectotherm can also be supplied as bespoke parts made according to specific designs and incorporating fixing methods such as Hook and Loop, Sewn with Stainless Steel, Kevlar or Nomex thread and also with snap buttons