O-FLEX INC

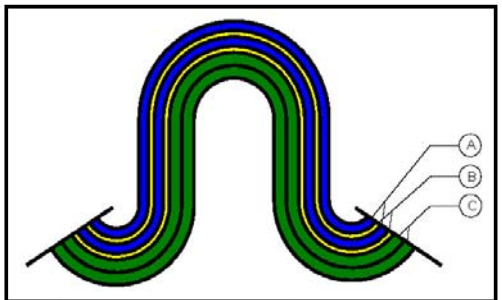
CAG m HEAT SHIELD TUBE



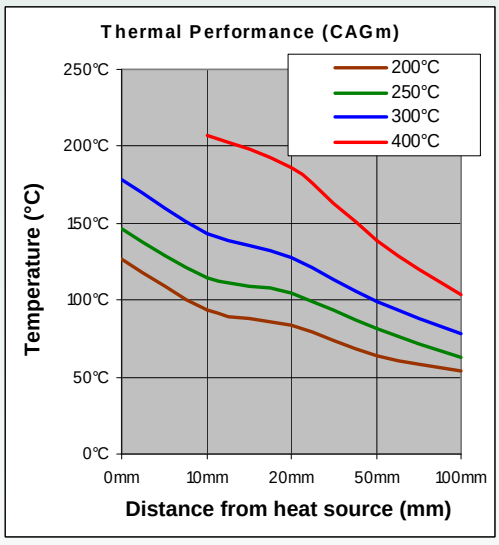
Purpose : The CAG_m tube is applicable for thermal protection of critical components in high temperature environments. It serves as a flame resistant insulated cover for: hoses, fluid lines, plastic tubes, electrical harnesses, etc.
Characteristics : light weight, flexible, insulation, anti-corrosion
Available Size : Ø14.5 — Ø65 mm (ID)
Bend "R" : 1.7 x Diameter with no cracking
Compression Strength : 360N at 3mm

Insulation Performance

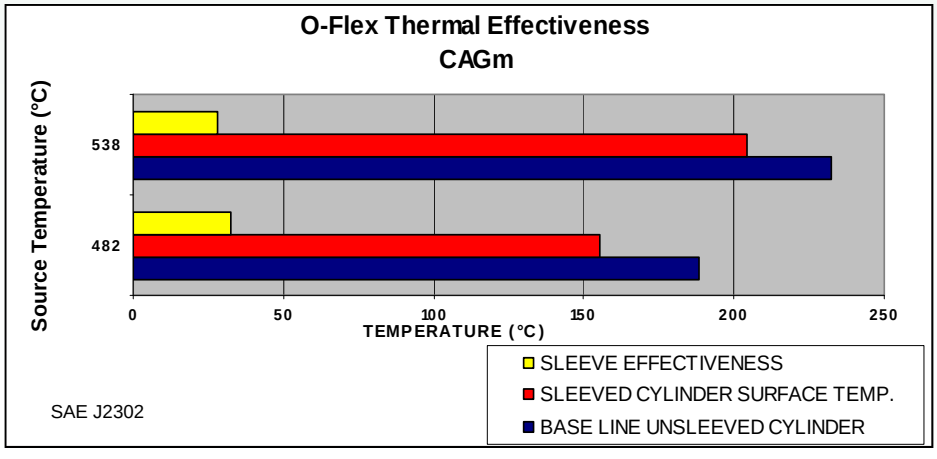
Heater Source Temperature	Inside Surface Temperature (Diameter of tube @ 20mm)
200°C / 392°F	84°C / 183°F
250°C / 482°F	105°C / 221°F
300°C / 572°F	128°C / 262°F
400°C / 752°F	186°C / 367°F



A	Glass Cloth	180µ thickness
B	Aluminum	40µ thickness
C	C Material	250µ thickness



Test Performed	Test Method	Test Results
Peel Strength	ASTM D-1876	Pass
Thermal Endurance	Oven Soak 24hrs at 175°C	No sign of product delamination or distortion
Flammability	ASTM D-4723 / FMVSS 302	Pass
Bend Test	1.7 x Diameter	No sign of cracking or deformation
Fluid Resistance	30 minute immersion • gasoline • brake fluid • diesel fuel (60 min) • antifreeze solution • motor oil • transmission fluid • power steering fluid • distilled water • washer fluid	No sign of product degradation or delamination of coating All passed
SAE J2302	Thermal Efficiency	Results - See chart below



O-FLEX INC

O-Flex Automotive
1531 Sarah Court
Murfreesboro, TN 37129

Phone: (615) 898-1910
Fax: (615) 898-1912
Contact: http://www.oflex.com/salesinfo.html
Web Site: www.oflex.com

Rev. Date 09/18/09