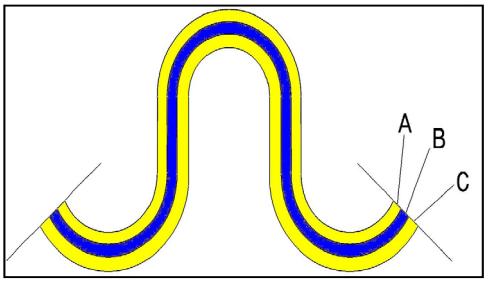
O-FLEX INC

O-FLEX AUTOMOTIVE

AGA m HEAT SHIELD TUBE



Purpose : The AGA_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 : 240N at 3mm

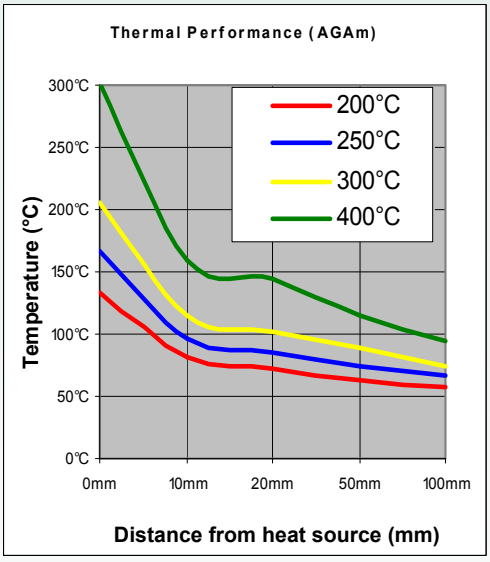


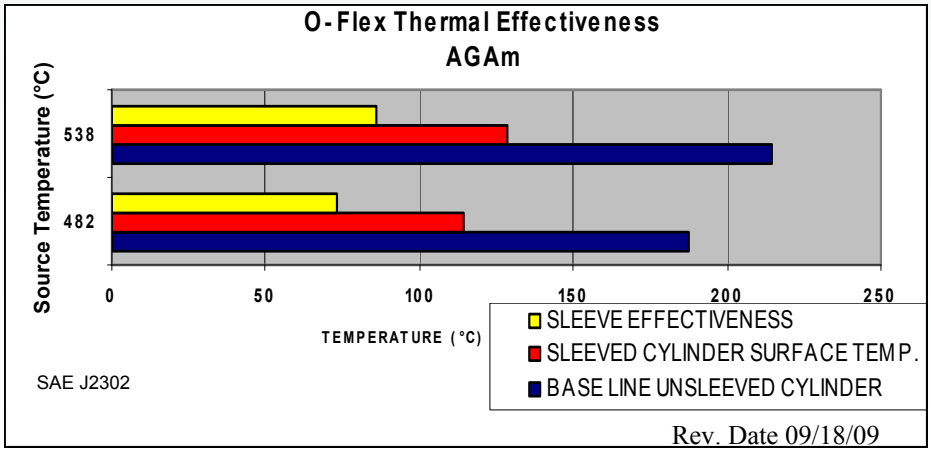
A	Aluminum	83µ thickness
B	Glass Cloth	105µ thickness
C	Aluminum	38µ thickness

Insulation Performance

Heater Source Temperature	Inside Surface Temperature (Diameter of tube @ 20mm)
200°C / 392°F	73°C / 163°F
250°C / 482°F	86°C / 187°F
300°C / 572°F	102°C / 216°F
400°C / 752°F	144°C / 291°F

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

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