

REFLECTIVE SLEEVING & HEAT SHIELD



NU-KOOL SC-G



Automotive

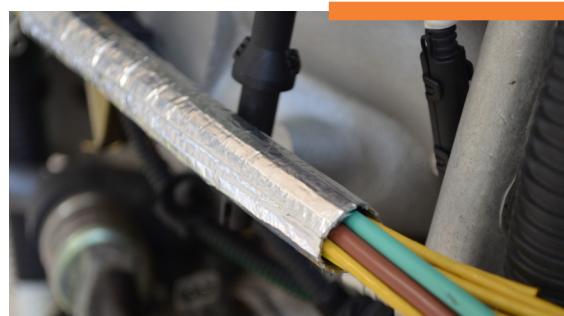
NU-KOOL SC-G is a knitted sleeve in Fiberglass and Polyester, self-closing with overlap, with a laminated adhesive aluminum foil and an adhesive strip for permanent closure. This product has been designed to provide high thermal insulation protection for cables and for tubes, preventing damage to the components inside.



- Radiant heat protection
- Easy installation
- **Product family:**
Reflective Sleeving & Heat Shield
- **Construction:**
Knitted sleeve + Aluminized foil
- **Materials:**
Fiberglass multifilament / PET monofilament
Aluminized foil
Acrylic adhesive
- **Options:**
Nu-Kool SC-G: standard
Nu-Kool SC-G LF: low fraying
Nu-Kool SC-G EC: Extended Closure

Environments:

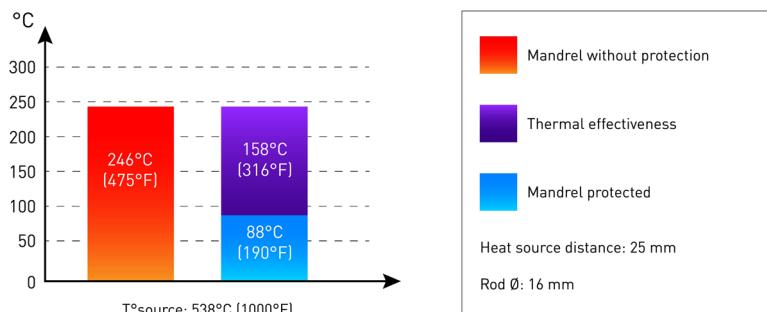
- Engine
- Sensors, Connectors
- HEV/EV
- Battery
- Cooling System
- Brake line, Fuel lines
- HVAC (*Heating, Ventilation and Air-Conditioning*)



PHYSICAL PROPERTIES

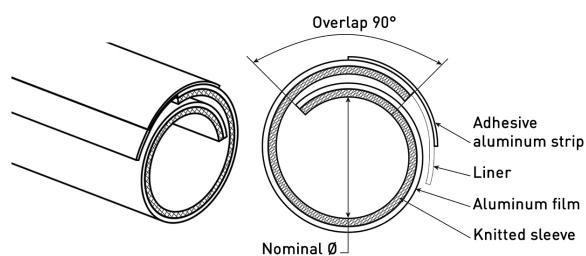
Properties	Test Method	Result
Standard color without stripe	-	Silver
Thermal effectiveness	SAE J2302	see graph
Long term aging (3000h)	-	200°C
Short term aging (240h)	-	225°C
Emissivity	ASTM E408	0.1
Flammability	FMVSS 302	non-flammable

Thermal effectiveness Nu-Kool SC-G



DIMENSIONS

Designation	Nominal Ø A (mm)	Functional Ø (mm)
NU-KOOL SC-G 06	6	1-6
NU-KOOL SC-G 08	8	7-8
NU-KOOL SC-G 10	10	9-10
NU-KOOL SC-G 13	13	11-13
NU-KOOL SC-G 16	16	14-16
NU-KOOL SC-G 19	19	17-19
NU-KOOL SC-G 22	22	20-22
NU-KOOL SC-G 25	25	23-25
NU-KOOL SC-G 29	29	26-29
NU-KOOL SC-G 32	32	30-32
NU-KOOL SC-G 38	38	33-38
NU-KOOL SC-G 45	45	39-45



PACKAGING

Cut lengths