

REFLECTSLEEVE



WHAT IS IT?

ReflectSleeve is a lightweight, flexible radiant heat shield sleeve with a 20µm aluminium foil face laminated to 9 micron 'E' glass fabric. Developed for OEM and aftermarket applications.

KEY FEATURES

- 20µm foil face — durable & highly reflective
- HT silicone adhesive rated to 250°C
- PTFE coated fibreglass sewing thread
- Lightweight & flexible for easy installation
- Black PU flame retardant rear coating
- Cross twill weave for high tensile strength

APPLICATIONS

- Automotive radiant heat reflection
- Industrial heat shielding
- OEM & aftermarket heat shield fabrication
- Engine bay turbo & exhaust heat management

STANDARD FORMAT

Width: **To size (+/-3%)**
 Thickness: **0.45 mm (+/-10%)**
 Base weight: **425 g/m² (+/-10%)**
 Weave: **Cross Twill**

TECHNICAL PROPERTIES

Property	Value	Test Method
Material	9 micron E glass fabric	
Base Weight	425 g/m²	DIN EN 12127
Width	To size	DIN EN 1773
Thickness	0.45 mm	DIN EN ISO 5084
Weave	Cross Twill	
Warp construction	9.2 yarns/cm (+/-3%)	EN EN 1049-2
Weft construction	11.1 yarns/cm (+/-3%)	EN EN 1049-2
Tensile str. Warp	1200 N/cm	EN ISO 13934-1
Tensile str. Weft	600 N/cm	EN ISO 13934-1
Coating	20µm Al foil + silicone back coat	

TEMPERATURE RATINGS

Fabric	400 C
Foil continuous	250 C
Foil short term	270 C
Radiant heat	500 - 800 C

FABRIC	FOIL CONT	FOIL SHORT	RADIANT
400C	250C	270C	800C
continuous	continuous	short term	max reflect