

ESTER-300

✓ Without Halogen ✓ UL 94 V2 ✓ Without toxic fumes

- 50°C + 150°C

SPECIFICATIONS

ESTER-300 is a flexible, expandable sleeving that is both lightweight and strong. The **ESTER-300** dense braided structure made of polyester monofilament is specially designed for abrasion protection of automotive hoses and cable bundles located in the engine compartment.

Easily installed thanks to its expanding diameter capacity (approximately 1 to 2) enabling significant differences in cross sections, elbows, connections, etc to be overcome without kinks or flattening.

Easy cutting to length by hot cutting.

Thanks to its expandable capacity **ESTER-300** can cover a whole range of diameters with a limited number of references.

Supplied in rolls or cut to length, **ESTER-300** is the rational and esthetic solution to protect your hoses or cable bundles.

FEATURES AND ASSETS:

- Expandable tubular sleeving
- Abrasion resistance
- Cutting resistance
- Auto-extinguishing and halogen-free
- Lightweight
- Recyclable
- Avoids condensation and mould
- Enhances heat evacuation

TYPICAL APPLICATIONS:

- Automotive hoses
- Cable bundles



 **LEJEUNE**
GAINES

FEATURE	METHOD, STANDARD, REGULATIONS	VALUE
Chemical nature of monofilament		PET polyethylene terephthalate CAS N°: 25038-59-9
Melting point		250°C
Continuous operating temperature		from - 50 to +150°C
Peak temperature		175°C
Abrasion resistance, friction resistance	Renault D44 1959	No significant damage in compliance with method
Resistance to automotive fluids	Renault D47 1924/A	No significant damage in compliance with method
Thermal ageing		In compliance with automotive specifications, resistance > 1000 h at 150 °C
Flammability	- Renault D45 1333 and FMVSS 302 - FAR 25-853 - NF G 07-128 (or ISO 4589 1 & 2) - NF EN 60695-2 - UL 94	- Compliant - Compliant at 12 s (vertical) and at 15 s (horizontal) - Oxygen index: 30.8 % - Class I2 - Raw material classed V2
Smoke toxicity	NF X 10-702 / NF X 70-100	Class F1. No release of halogen compounds on combustion
Emissivity of materials	VW 50180 (PV 3015, PV 3341, PV 3925, PV 3900)	Compliant for use in interior
RoHS	Directive 2002/95/EC	Compliant
Environment	REACH	Compliant Classed non-ecotoxic for the environment but biodegradable with difficulty

REF		USE		CONSTRUCTION	
BLACK	GREY	MIN (mm.)	MAX (mm.)	NUMBER OF WIRES	DIAM. OF WIRES
ESTER-303-0	ESTER-303-8	3	6	60	0.22
ESTER-304-0	ESTER-304-8	4	8	72	0.22
ESTER-305-0	ESTER-305-8	5	10	84	0.22
ESTER-306-0	ESTER-306-8	6	12	96	0.22
ESTER-308-0	ESTER-308-8	8	15	120	0.22
ESTER-310-0	ESTER-310-8	10	18	144	0.22
ESTER-312-0	ESTER-312-8	12	22	168	0.22
ESTER-315-0	ESTER-315-8	15	28	192	0.22
ESTER-320-0	ESTER-320-8	20	36	216	0.22
ESTER-325-0	ESTER-325-8	25	35	288	0.22
ESTER-330-0	ESTER-330-8	30	45	320	0.22
ESTER-340-0	ESTER-340-8	40	50	480	0.22
ESTER-350-0	ESTER-350-8	50	90	600	0.22
ESTER-360-0	ESTER-360-8	60	75	600	0.22

These references are those of our standard **ESTER 300** range.
Please contact us for any other construction, parameter, material, packaging, colour, etc.