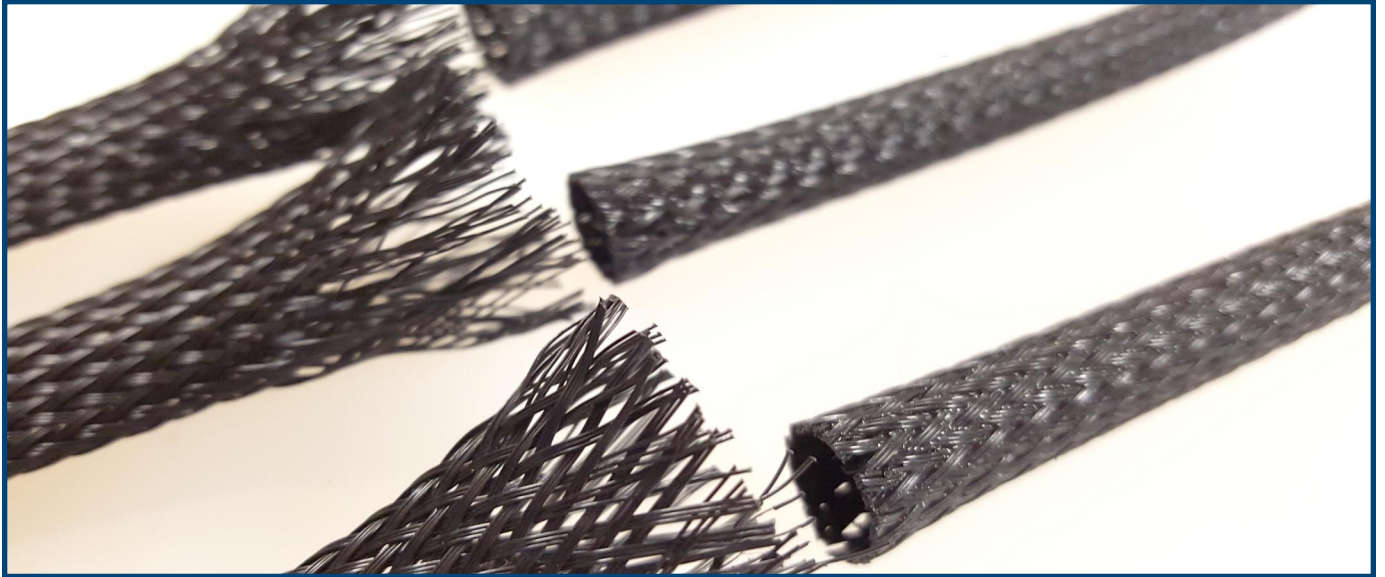
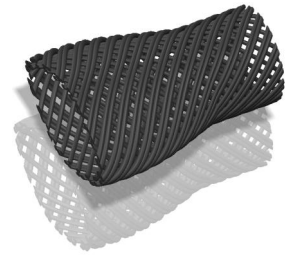


# Expandable Sleeve



## LANGOFLEX GT

LANGOFLEX GT is a tough, lightweight expandable sleeving made of PET .010" (0.25mm) monofilaments braided into a cylindrical sleeve.

LANGOFLEX GT provides excellent abrasion and good mechanical properties. The flexible open braid construction allows each size to expand up to three times its original diameter for easy installation over irregular shapes.

This construction also provides complete drainage preventing heat, condensation and moisture.

The advantage comparing to standard expandable sleeves is that LANGOFLEX GT **can be cut by scissors or any other cold cutting way**. It is end-fray resistant thanks to a specific impregnation resin.

LANGOFLEX GT is designed to protect tubes, hoses, wires, wire bundles, wire harnesses, cable assemblies and flat ribbon cables without adding critical weight, bulk and extra cost.

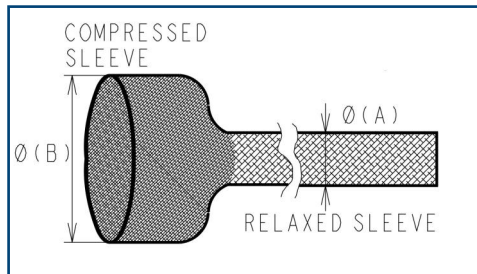
The good chemical resistance of the polyester material makes it ideal for harsh environments, it is then well suited for automotive applications.

## Characteristics

**Colors:** standard color is black.

Physical properties	Specification	Unit	Value
Continuous temperature of use (3000h)	-	°C (°F)	-40/150 (-40/302)
Peak temperature (240h)	-	°C (°F)	175 (347)
Melting point	ISO 11357-3	°C (°F)	255 (491)
Abrasion resistance	ISO 6722 SAE ARP 1536	cycles	7600 35850
Flammability	SAE J 369 D45 1333	- -	self-extinguishing type B (self-extinguishing)
Chemical resistance	SAE J 2192 RSA 36 05 0035 D47 1924	Resists to chemicals and automotive fluids (oils, coolant, battery liquid, brake fluid, fuels, windshield washer...)	

## Dimensions



Diameter is measured over a mandrel. Length for cut pieces is measured in a relaxed position.

Designation	Nominal Ø (mm)	Maximum Ø (mm)	Ends (per carrier)
LANGOFLEX GT 03	3	7	1
LANGOFLEX GT 06	6	10	3
LANGOFLEX GT 10	10	16	3
LANGOFLEX GT 13	13	19	3
LANGOFLEX GT 19	19	32	3
LANGOFLEX GT 19	19	32	3
LANGOFLEX GT 32	32	44	3
LANGOFLEX GT 44	44	63	4
LANGOFLEX GT 50	50	70	3
LANGOFLEX GT 50	50	70	4
LANGOFLEX GT 63	63	76	5
LANGOFLEX GT 63	63	100	6

## Packaging

LANGOFLEX GT is delivered in coils or in cut lengths upon request.

