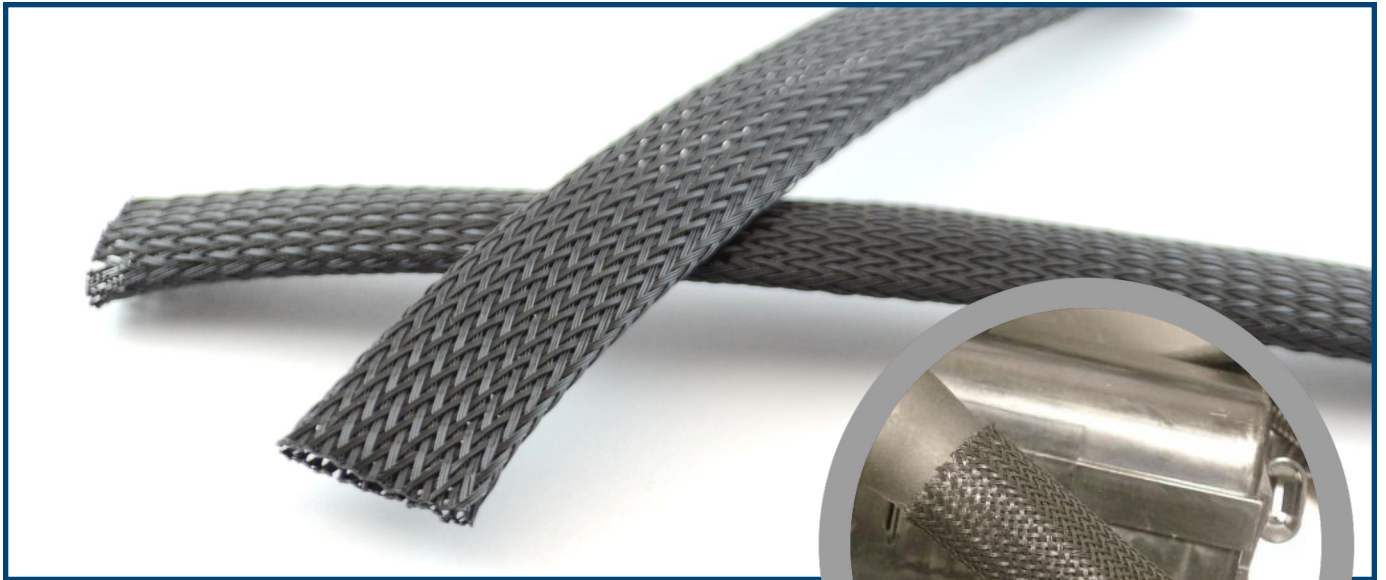
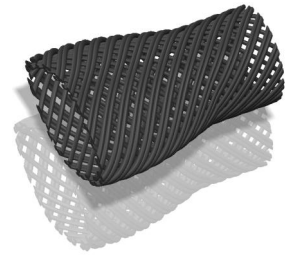


# Expandable Sleeve



## LANGOFLEX G

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

LANGOFLEX G provides excellent abrasion and good mechanical properties. The flexible open weave 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.

LANGOFLEX G is also available in a heavy wall

construction (**LANGOFLEX HD**), using .015" (0.38mm) diameter PET monofilaments for increased wear resistance and in a flame retardant version (**LANGOFLEX G-FR**).

LANGOFLEX G 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.

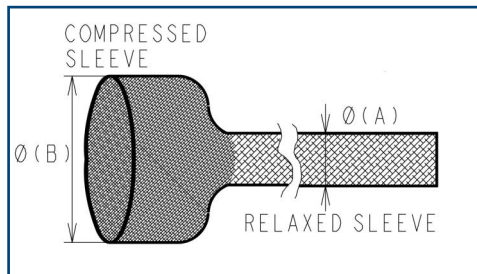
The good chemical resistance of the polyester material makes it ideal for harsh environments, it is then well suited for automotive applications.

## Characteristics

**Colors:** standard color is black. Other colors upon request.

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 G 03	3	7	1
LANGOFLEX G 06	6	10	3
LANGOFLEX G 10	10	16	3
LANGOFLEX G 13	13	19	3
LANGOFLEX G 19	19	32	3
LANGOFLEX G 19	19	32	3
LANGOFLEX G 32	32	44	3
LANGOFLEX G 44	44	63	4
LANGOFLEX G 50	50	70	3
LANGOFLEX G 50	50	70	4
LANGOFLEX G 63	63	76	5
LANGOFLEX G 63	63	100	6

## Approvals

- Direct: Chrysler, General Motors, Peugeot-Citroën.
- Via Tier-1: Ford, Jaguar/Land Rover, Volvo Cars Corp.

## Packaging

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

Data and photos for information only. Delfingen makes no warranties as to the accuracy or completeness of this information. Delfingen reserves the right to make changes in materials or processing without notification.

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