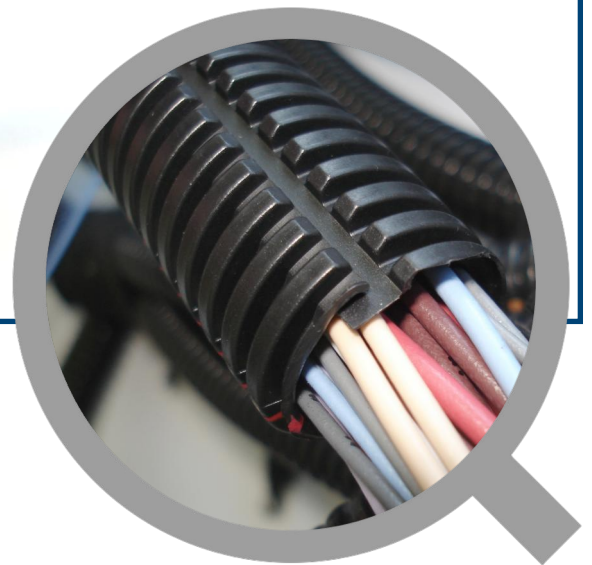


# Specialty Convuluted Tubing



## TECHNIFLEX

TECHNIFLEX convoluted tubing has a tongue under the slit allowing to close the latter after cable installation.

This keeps the wires safely in the interior and does not allow any foreign body to come into the tubing.

Made for automotive applications, our products meet the mechanical requirements of European manufacturers,

in particular for the impact and compression load resistance.

TECHNIFLEX convoluted tubing is highly recommended when there is a risk of wire exposure with a standard tube.

Fitting tools are available for diameters from 6 to 29 mm. Installation specifications are available at our Quality Department.



## Materials

TECHNIFLEX is available in several material grades:

Flame retardant polypropylene-copolymer, polypropylene-copolymer blended with flame retardant elastomer, polypropylene in a UL94 V-0 grade and heat stabilized flame retardant polyester.

## Characteristics

Colors: black.

Physical properties	Specification	Unit	Flame retardant polypropylene*	High heat flame retardant PP*	Polypropylene UL94 V-0	Heat stabilized flame retardant polyester
<b>Thermal properties</b>						
Continuous temp. of use - min/max (3000h)	-	°C (°F)	-40/100 (-40/212)	-40/125 (-40/257)	-40/125 (-40/257)	-30/150 (-22/302)
Peak temperature (240h)	-	°C (°F)	125 (257)	150 (302)	150 (302)	175 (347)
<b>Mechanical properties</b>						
Tensile strength at yield	ISO 527	MPa	-	-	-	80
Tensile strength at break	ISO 527	MPa	>27.5	>27.5	-	-
Flexural modulus	ISO 178	MPa	-	-	1450	-
Elongation at break	ISO 527	%	>500	>600	>250	>100
<b>Other properties</b>						
Density	ISO 1183	g/cm <sup>3</sup>	0.92	0.92	1.28 (ASTM D792)	1.27
Flammability	FMVSS 302 D45 1333	- -	self-extinguishing type B	self-extinguishing type B	V0 (UL94)	self-extinguishing type B

\*Also available with a soft tongue in diameters 6 to 23 mm.

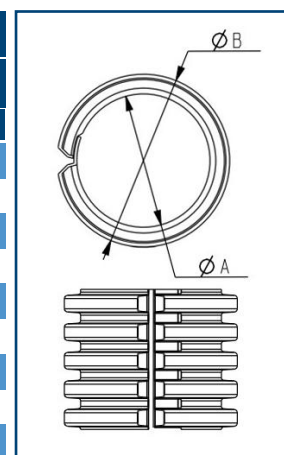
## Dimensions

TECHNIFLEX GFR*			TECHNIFLEX		
Designation**	Min. ID (A)	OD (ØB)***	Designation*	Min. ID (A)	OD (ØB)**
	mm			mm	
TECH 06 GFR	6.35	9.3 ≤ Ø ≤ 9.9	TECH 06	6	9.65
TECH 09 GFR	8.5	11.5 ≤ Ø ≤ 12.2	TECH 09	9	13.4
TECH 11 GFR	9.4	12.9 ≤ Ø ≤ 13.6	TECH 11	11	16.55
TECH 13 GFR	12.3	16.1 ≤ Ø ≤ 16.7	TECH 13	13	18.55
TECH 14 GFR	13.8	18.1 ≤ Ø ≤ 18.85	TECH 16	16	21.5
TECH 16 GFR	16.35	20.8 ≤ Ø ≤ 21.6	TECH 19	19	24.15
TECH 19 GFR	18.8	23.6 ≤ Ø ≤ 24.5	TECH 23	23	28.75
TECH 23 GFR	23	28.2 ≤ Ø ≤ 29.2	TECH 26	25.5	31.8
TECH 26 GFR	25.4	31.2 ≤ Ø ≤ 32.2	TECH 29	29	36.15
TECH 29 GFR	28.9	35.2 ≤ Ø ≤ 36.4			

\* Specific dimensions for Peugeot-Citroën.

\*\* TECHNIFLEX soft tongue version standard diameters are available from 6 to 23 mm. Other dimensions upon request.

\*\*\* External diameter (B) may vary depending on the chosen material grade.



Delfingen\_TECHNIFLEX\_v3.1

## Approvals

Direct: Peugeot-Citroën.

## Packaging

TECHNIFLEX is delivered in containers and in cut lengths from 15 to 2,000 mm (other lengths upon request only).

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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