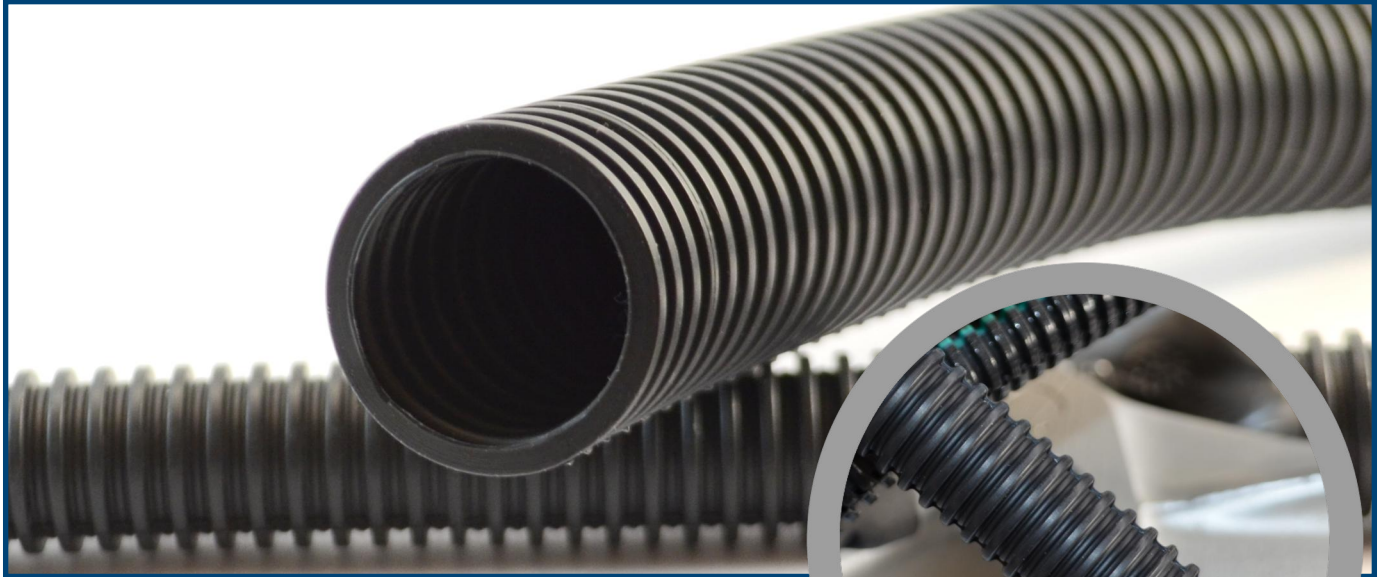


# Convolute Tubing



## SINOFLEX

SINOFLEX is a specific convoluted tube designed to answer the Chinese manufacturers' requirements and specifications.

It is suited for harsh environments and protects against mechanical risks: abrasion, crushing, chafing...

SINOFLEX has excellent chemical resistance.

Branching and fastening Delfingen accessories are compatible with the SINOFLEX profile (collars, elbows, T or Y fittings, clips...).

The tube can be delivered slit or non-slit. An assembly tool can also be supplied for easy installation over the wires.



## Characteristics

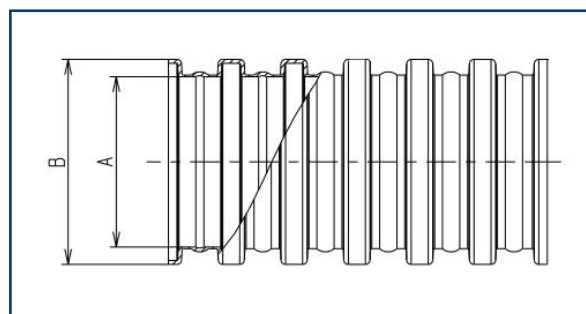
**Colors:** standard color is black.

# Sinoflex

Physical properties	Unit	Polypropylene self-extinguishing	Polypropylene UL94 V0	Polyamide UL94 V0	Modified polypropylene copolymer	Copolyester flame retardant
<b>Thermal properties</b>						
Continuous temp. of use - min/max (3000h)	°C (°F)	-40/105 (-40/221)	-40/125 (-40/257)	-40/125 (-40/257)	-40/135 (-40/275)	-40/150-175 (-40/302-347)
Peak temperature	°C (°F)	240h at 125 (257)	240h at 150 (302)	240h at 150 (302)	500h at 150 (302)	240h at 175-200 (347-392)
<b>Mechanical properties</b>						
Tensile strength at yield - ISO 527	MPa	24	-	-	24	-
Flexural modulus - ISO 178	MPa	-	1450	3000	-	-
Elongation at yield - ISO 527	%	7	-	-	7	-
Elongation at break - ISO 527	%	-	>250	-	-	-
Izod notched impact strength (23°C / 73°F) - ISO 180	kJ/m²	-	>30 (ISO 179/1eA)	-	-	N
Izod notched impact strength (-30°C / -22°F) - ISO 180	kJ/m²	-	-	-	-	8
<b>Other properties</b>						
Density - ISO 1183	g/cm³	0.92	1.28 (ASTM D792)	1.15	0.92	1.27
Flammability - FMVSS 302	-	self-extinguishing	V0 (UL94)	V0 (UL94)	self-extinguishing	self-extinguishing
Chemical resistance	Resists the majority of chemicals and automotive fluids (oils, coolant, battery fluid, brake fluid, fuels, windshield washer...)					

## Dimensions

Designation	ID ØA (mm)	OD ØB (mm)
SINOFLEX 4.5	4.7	7.2
SINOFLEX 7.5	6.4	10
SINOFLEX 8.5	8.4	11.9
SINOFLEX 10	9.3	13
SINOFLEX 13	12.4	15.8
SINOFLEX 15	15.2	19.5
SINOFLEX 17	16.2	21.2
SINOFLEX 19	18.8	23.6
SINOFLEX 22	20.2	25.5
SINOFLEX 23	22.6	28.5
SINOFLEX 26	25.5	31.4
SINOFLEX 29	28.8	34.5



Delfingen\_SINOFLEX\_v1.3

## Packaging

SINOFLEX is delivered in containers, half-containers, coils or 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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