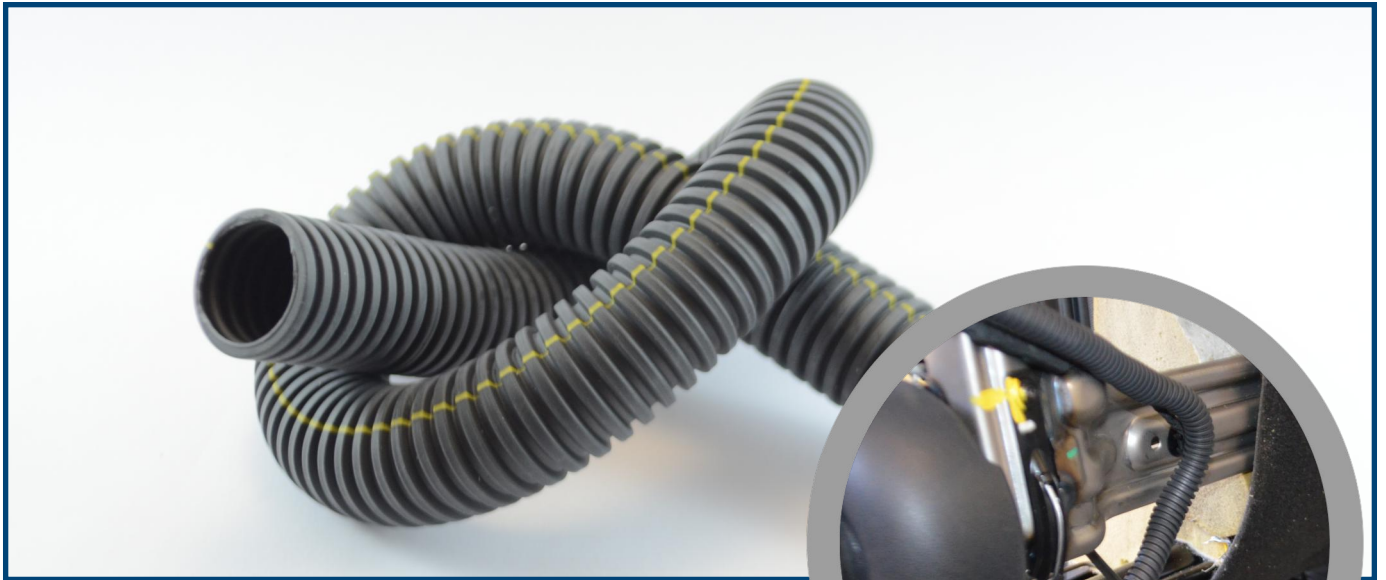


Specialty Convoluted Tubing



COTFLEX

COTFLEX is a special convoluted tube showing high flexibility and elasticity performances.

It has the benefits of a flexible textile sleeving and provides excellent mechanical and abrasion protection thanks to the ribs of the convoluted tube.

COTFLEX is compatible with all Delfingen accessories for branching and fastening applications.

Benefits:

- Very flexible
- High elongation
- High temperature resistance
- Self-extinguishing
- High radius bend
- Good resilience property
- No internal aggression thanks to the elastomer material

Application

COTFLEX is well adapted to dynamical applications. It protects wires in vehicles that are in movement (seats, doors, front and rear axles, dynamic engine harness branch...). This product can fit onto tubes and hoses with complex routing.

Characteristics

- **Composition:** elastomer material.
- **Color:** black. Yellow stripe available.
- **Convuluted profile and dimensions:** COTFLEX is available in any Delfingen rib profile. The chosen profile will determine the available diameter of the tube, from 4.5 to 32 mm.

Physical properties	Specification	Unit	Value
Thermal properties			
Continuous temperature of use - min/max	-	°C (°F)	-40/125 (-40/257)
Peak temperature	-	°C (°F)	150 (302)
Mechanical properties			
Tensile strength	D41 1009	N/mm ²	>35
Elongation	D41 1009	%	>850
Other properties			
Flexibility	PSA 96 458 709 99	mm	38
Snap test	ES XU5T 14A099 AA	kg	6 - no crack
Crushing strength	PSA 96 458 709 99	N	145

Packaging

COTFLEX is delivered in containers, half-containers, coils or cut lengths from 15 to 2,000 mm (other lengths upon request only).

COTFLEX is delivered non-slit.



Delfingen_COTFLEX_v3.3

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