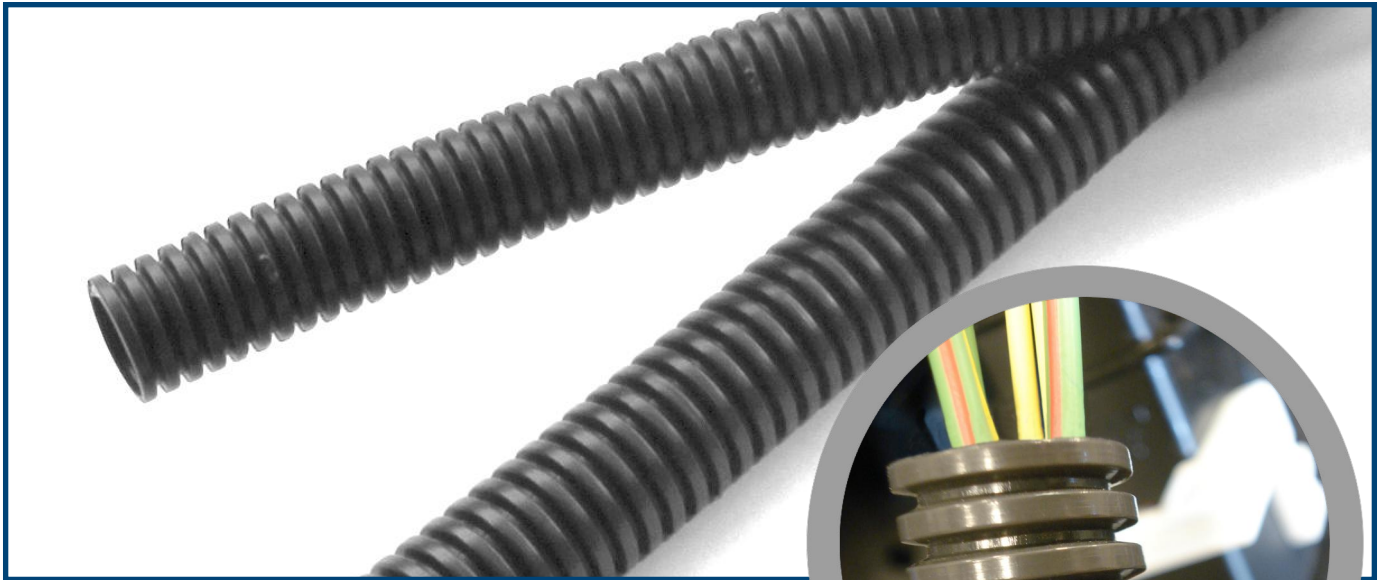


Convolutated Tubing



US COT

US COT convoluted tubing is designed to protect and insulate wire harnesses and power cables in vehicles.

The ribs profile is conform to American requirements and specifications.

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

US COT has excellent chemical resistance.

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

US COT is available in many sizes and many material grades, depending on the specifications requested by the customer.

Material

US COT is available in many plastic grades. It stands from low to very high temperature applications.

The choice of the material grades depends on the required specification:

- 85°C (185°F): standard and flame retardant polyethylene.
- 100°C (212°F): standard and flame retardant polypropylene.
- 125°C (257°F): high heat polypropylene, heat stabilized and heat stabilized flame retardant (halogen free) polyamide.
- 155°C (311°F): polyester.

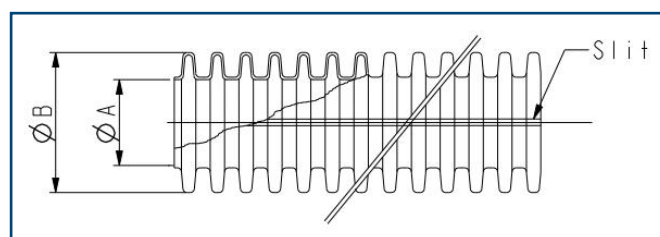
Characteristics

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

Dimensions

The following sizes are standard and they are given for information only. They may vary depending on the specification and on the chosen material grade.

Metric Sizes					English Sizes				
Designation	ID (ØA)		OD (ØB)		Designation	ID (ØA)		OD (ØB)	
	mm	inches	mm	inches		mm	inches	mm	inches
05	5.4	0.213	7.55	0.297	1/8"	4.50	0.177	6.70	0.264
06	6.2	0.244	9.45	0.372	1/4"	7.15	0.281	9.60	0.378
07	7.4	0.291	10.00	0.394	5/16"	8.20	0.323	10.60	0.417
08	7.6	0.299	11.40	0.449	3/8"	10.70	0.421	13.60	0.535
09	8.75	0.344	12.60	0.496	7/16"	11.55	0.447	15.35	0.609
10	10.55	0.415	13.90	0.547	1/2"	13.15	0.518	17.15	0.675
13	13.15	0.518	17.40	0.685	19/32"	15.40	0.606	19.80	0.780
14	14.5	0.571	17.50	0.689	5/8"	16.90	0.665	20.70	0.815
15	15.2	0.598	19.40	0.764	3/4"	19.35	0.762	23.70	0.933
16	16.4	0.646	20.50	0.807	1"	23.30	0.917	28.30	1.114
19	19.5	0.768	23.70	0.933	1 1/16"	27.00	1.063	34.20	1.346
22	22.8	0.898	28.80	1.134	1 1/8"	30.80	1.213	37.20	1.465
25	26.2	0.984	31.90	1.256	1 1/4"	33.10	1.303	38.70	1.524
28	28	1.102	34.00	1.339	1 3/8"	35.00	1.378	41.60	1.638
29	29.3	1.154	35.40	1.394	1 1/2"	39.50	1.555	47.40	1.866
30	30.5	1.201	37.80	1.488	2"	47.50	1.870	54.80	2.157
32	32.4	1.276	38.20	1.504					
37	36.4	1.433	42.00	1.654					
40	40	1.575	48.80	1.921					



Approvals

- Direct: Chrysler, General Motors.
- Via Tier-1: Ford, Mazda, Volvo Cars Corp.

Packaging

US COT 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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