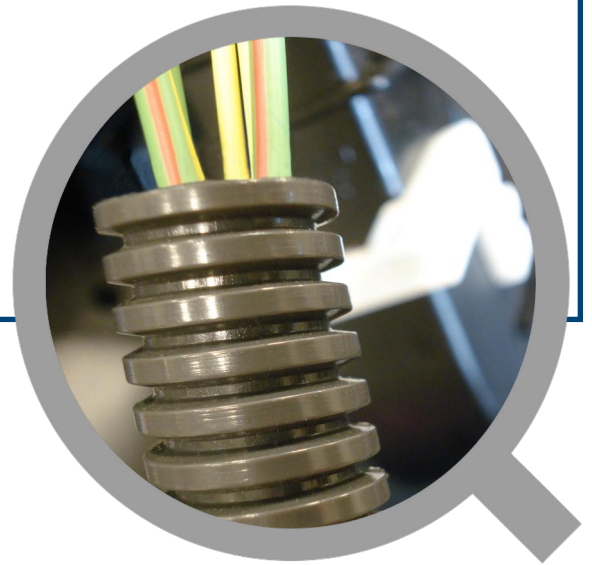


# Convolutated Tubing



## 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.

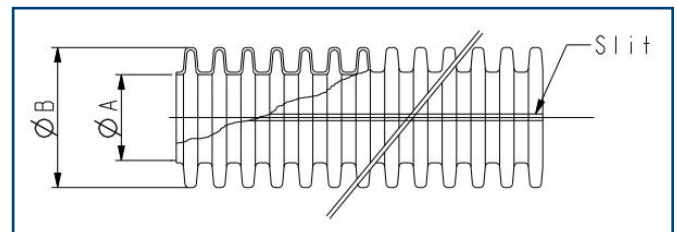
## Characteristics

**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           | 5.40    | 0.213  | 7.55    | 0.297  | 1/8"          | 4.50    | 0.177  | 6.70    | 0.264  |
| 06           | 6.20    | 0.244  | 9.45    | 0.372  | 1/4"          | 7.15    | 0.281  | 9.60    | 0.378  |
| 07           | 7.40    | 0.291  | 10.00   | 0.394  | 5/16"         | 8.20    | 0.323  | 10.60   | 0.417  |
| 08           | 7.60    | 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           | 14.50   | 0.571  | 17.50   | 0.689  | 5/8"          | 16.90   | 0.665  | 20.70   | 0.815  |
| 15           | 15.20   | 0.598  | 19.40   | 0.764  | 3/4"          | 19.35   | 0.762  | 23.70   | 0.933  |
| 16           | 16.40   | 0.646  | 20.50   | 0.807  | 1"            | 23.30   | 0.917  | 28.30   | 1.114  |
| 19           | 19.50   | 0.768  | 23.70   | 0.933  | 1 1/16"       | 27.00   | 1.063  | 34.20   | 1.346  |
| 22           | 22.80   | 0.898  | 28.80   | 1.134  | 1 1/8"        | 30.80   | 1.213  | 37.20   | 1.465  |
| 25           | 26.20   | 0.984  | 31.90   | 1.256  | 1 1/4"        | 33.10   | 1.303  | 38.70   | 1.524  |
| 28           | 28.00   | 1.102  | 34.00   | 1.339  | 1 3/8"        | 35.00   | 1.378  | 41.60   | 1.638  |
| 29           | 29.30   | 1.154  | 35.40   | 1.394  | 1 1/2"        | 39.50   | 1.555  | 47.40   | 1.866  |
| 30           | 30.50   | 1.201  | 37.80   | 1.488  | 2"            | 47.50   | 1.870  | 54.80   | 2.157  |
| 32           | 32.40   | 1.276  | 38.20   | 1.504  |               |         |        |         |        |
| 37           | 36.40   | 1.433  | 42.00   | 1.654  |               |         |        |         |        |
| 40           | 40.00   | 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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