



DCT600 - PTFE Convuluted Tubing AMS-T-81914/2 & MIL-T-81914/2

Applications

Daburn PTFE Convuluted Tubing offers excellent protection for wire harnesses, tubing, hose and cable. It is lightweight, very flexible, and provides excellent abrasion protection. Extra flexible convuluted tubing is achieved by manufacturing tubing with a greater number of convolutions per inch. These extra convolutions allow the material to flex without kinking around tighter bend diameters.

Daburn PTFE convuluted tubing is suitable for electrical, electronics, aerospace, robotics, marine, biomedical, chemical, military, automotive and many other applications.

It is recommended when ordering to cover a cable bundle or assembly, that you order a size with an I.D. approximately 20% larger than the bundle to maintain maximum flexibility and ease of installation.

Features

- Lubricity - very low coefficient of friction
- UL 94 V0 Flame rated
- Continuous operating temperature -454°F to 500°F (-270°C to 260°C)
- Outstanding Chemical Resistance (all common solvents, acids and bases).
- Excellent Dielectric Insulation Properties
- Does not support combustion
- Limiting Oxygen Index greater than 95
- Biocompatibility - USP Class VI approved material
- ETO and Autoclave Approved
- RoHS Compliant

Item Number	Max I.D.	Min I.D.	Max O.D.	Max Wall Thick	Conv. Per Inch +/- 1	Weight (LBS) Per CFT	Min Bend Radius
DCT600-3/16	.188"	.181"	.320"	.023"	10	2.2	0.313"
DCT600-9/32	.281"	.273"	.414"	.026"	9	3.8	0.438"
DCT600-5/16	.312"	.306"	.450"	.027"	9	4.8	0.438"
DCT600-3/8	.375"	.364"	.530"	.029"	9	5.6	0.500"
DCT600-7/16	.437"	.427"	.590"	.029"	9	6.5	0.500"
DCT600-1/2	.500"	.485"	.660"	.029"	9	6.9	0.750"
DCT600-5/8	.625"	.608"	.780"	.029"	9	9.2	0.750"
DCT600-3/4	.750"	.730"	.975"	.035"	8	13.8	0.938"
DCT600-7/8	.875"	.860"	1.100"	.035"	8	15	0.938"
DCT600-1	1.000"	.975"	1.260"	.035"	7	16.8	1.125"
DCT600-1 1/8	1.125"	1.105"	1.390"	.035"	6	17.5	1.125"
DCT600-1 1/4	1.250"	1.210"	1.539"	.035"	6	19.6	1.250"
DCT600-1 1/2	1.500"	1.450"	1.810"	.038"	6	26	2.000"

Color - Black - Tubing is black. For Natural or other colors, please call or e-mail for quote.

Lengths - Longest lengths possible are supplied. For continuous or cut to specific length, please call or e-mail for quote.

Ends - Convolutions extend to the ends. For cuffed ends or etching, please call or e-mail for quote.

Pre-Slit - For pre-slit tubing, please call or e-mail for quote.

FEP & ETFE Tubing also available, please call or e-mail for quote.

For custom sizes or materials, please call or e-mail for quote.