INNO-FIT™ MFP 3

Flexible Polyolefin Tubing, Military Spec. Grade

Description

The Innovative Power Product's INNO-FIT™ MFP 3 tubing is a very flexable, flame retarded, radiation-crosslinked polyolefin heat shrinkable tubing which meets all of the standards of UL 224 and CSA C22.2 requirements of Military Specification AMS-DTL-23053/5 Class 1 and 3. The operating temperature range is -55℃ to +135℃.

MFP 3 tubing is available in the following standard color: black. Non standard colors: blue, green, red, white, and yellow. (other colors and sizes are available on request) MFP 3 tubing is recommended for general purpose applications such as electrical insulation, lightweight harnessing, jacketing or strain relief.
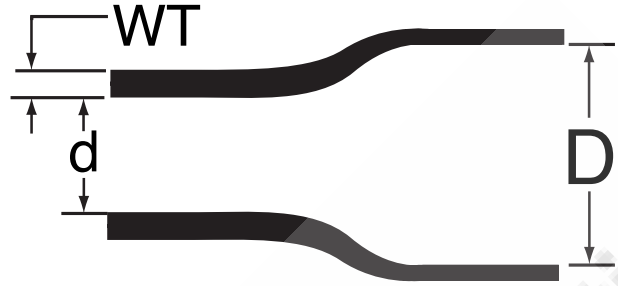

Illustration is not to scale

Related Product Information

INNO-FIT TYPE MFP 3:	• Price List PL-215

• AMS-DTL-23053/5 Class 1&3	• UL-224 125℃, 600V VW-1	• UL E300022
• Meet: RoHS	• -55℃ to +135℃ Operating Range	• 70℃ Shrink Temperature
• Environment Friendly	• Shrink Ratio 3:1	• 100℃ Recovery Temperature

Selection and Ordering Information

Find the diameter required for the application. Always select the largest tubing size that will shrink down on the smallest diameter. Example: for a spool of blue tubing, meeting AMS-DTL-23053/5 Class 1 to insulate a bundle of wires with a combined outside diameter of 0.65 inches, the tubing selection will be:

Tubing Type: INNO-FIT MFP3   Size: -1   Color: -Black   Packaging: [spool (S) or box (B)]: -S

Tubing Size	Inside Diameter		Wall Thickness Post Recovery WT	Standard Box 4 foot lengths	Standard Spool Length
	As Supplied (D)	After Recovery (d)			
1/8"	0.125 (3.2mm)	0.042 (1.1mm)	0.58 (.023mm)	-	-
1/4"	0.250 (6.4mm)	0.083 (2.2mm)	0.64 (.025mm)	-	-
3/8"	0.375 (9.5mm)	0.125 (3.2mm)	0.64 (.025mm)	-	-
1/2"	0.500 (12.7mm)	0.166 (4.3mm)	0.76 (.030mm)	-	-
3/4"	0.750 (19.1mm)	0.250 (6.4mm)	0.76 (.030mm)	-	-
1"	1.000 (25.4mm)	0.333 (8.5mm)	1.27 (.050mm)	-	-
1 1/2	1.500 (38.1mm)	0.500 (12.7mm)	1.27 (.050mm)	-	-