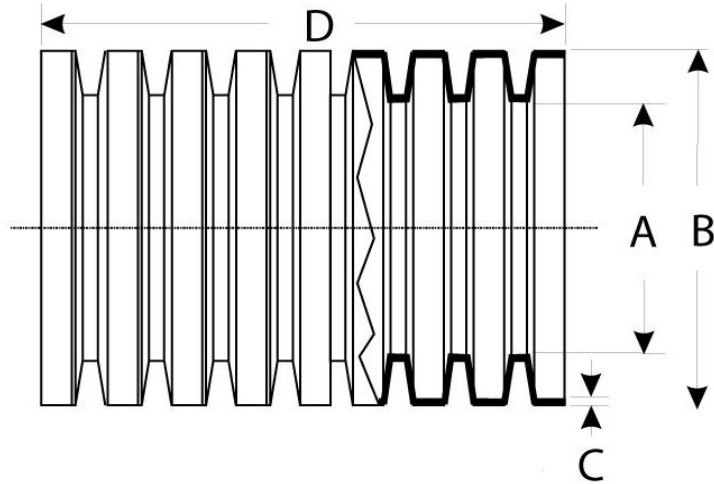


Kable Kontrol® Polypropylene Flame Retardant Wire Loom Tubing

Technical Specifications



Nominal Internal Diameter	Dimension "A" Inside Diameter		Dimension "B" Outside Diameter		Dimension "C" Wall Thickness
	Min	Max	Min	Max	
1/4" (6 mm)	0.237" (6.02 mm)	0.266" (6.76 mm)	0.372" (9.45 mm)	0.400" (10.16 mm)	0.005" (0.12 mm)
3/8" (9 mm)	0.341" (8.66 mm)	0.380" (9.65 mm)	0.496" (12.59 mm)	0.526" (13.36 mm)	0.005" (0.12 mm)
1/2" (13 mm)	0.471" (11.97 mm)	0.515" (13.07 mm)	0.645" (16.39 mm)	0.681" (17.31 mm)	0.005" (0.12 mm)
5/8" (16 mm)	0.603" (15.32 mm)	0.639" (16.23 mm)	0.802" (20.36 mm)	0.837" (21.26 mm)	0.005" (0.12 mm)
3/4" (19 mm)	0.707" (17.96 mm)	0.759" (19.28 mm)	0.950" (24.13 mm)	0.989" (25.12 mm)	0.005" (0.12 mm)
1" (23 mm)	0.897" (22.78 mm)	0.949" (24.10 mm)	1.077" (27.36 mm)	1.109" (28.17 mm)	0.006" (0.15 mm)
1-1/4" (30 mm)	1.199" (30.45 mm)	1.257" (31.93 mm)	1.446" (36.73 mm)	1.500" (38.10 mm)	0.006" (0.15 mm)
1-1/2" (40 mm)	1.566" (39.78 mm)	1.647" (41.83 mm)	1.867" (47.42 mm)	1.947" (49.45 mm)	0.006" (0.15 mm)
2" (51 mm)	1.969" (50.01 mm)	2.038" (51.77 mm)	2.285" (58.04 mm)	2.388" (60.66 mm)	0.011" (0.028 mm)

Flexible convoluted tubing / conduit manufactured from a flame retardant polypropylene resin rated as V2 according to UL-94

Performance Enhancers			
Flame Retardant		Yes	
UV Inhibitor		No	
Heat Stabilizer		Yes	
Performance Characteristics			
Flexibility		Good	
Abrasion Resistance		Good	
Chemical Resistance		Good	
Continuous Operating Temperature		-40 to 125°C (-40 to 257°F) Min. 3000 Hrs	
Short Term Operating Temperature		-40 to 135°C (-40 to 275°F) Max. 168 Hrs	
Typical Physical Properties	Test Method	Value	Units
Specific Gravity/Density	ASTM D792	0.93	-
Elongation @ Break	ASTM D638	10	%
Tensile Strength @ 25C	ASTM D638	23.0 min.	MPa
Flexural Modulus	ASTM D790	1170	MPa
Notched Izod Impact Test			
Material Certifications			
Underwriters Laboratory	UL-94 V2		
FMVSS 302	Max. Burn rate of	101.2mm / min. (1.0 mm thick) Self-extinguishing	