

A. System Overview

Part Number System for Non-Shrink PVC Tubing

TV105	—	12	M	
Type		Nominal Size	Package Quantity	Color Suffix
TV105 = PVC Tubing		12 = 12 AWG	C = 100' (30.5m)	Leave Blank = Clear
		6 = 6 AWG	TL = 250' (76.2m)	20 = Black
		3 = 3 AWG	D = 500' (152.4m)	
		1 = 1 AWG	M = 1000' (304.8m)	
		0.38 = 3/8"		
		0.50 = 1/2"		
		0.75 = 3/4"		
		1.0 = 1"		

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Non-Shrink PVC Tubing

- Provides insulation and protection for lead wires, wire harness assemblies, soldered joints and components in electrical and electronic equipment
- All purpose flexible and non-shrinkable
- Resistant to heat and moisture
- Flammability: Meets UL 224 VW-1
- Voltage rating: 300 V and 600 V
- ASTM D-922 Grade CFR
- MIL-I-631 Type F, Form U, Grade C- Class 1 Category 1
- Material: Polyvinyl chloride (PVC)
- UL oil resistant class 1 rating
- Continuous use temperature range: -4°F – 221°F (-20°C – 105°C)



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/ Tagout & Safety Solutions

F. Index

Part Number	Color	Nominal Size	Length Per Reel		Max. Inside Diameter		Wall Thickness		Max. Voltage Rating	Std. Pkg. Qty.	Std. Ctn. Qty.
			Ft.	m	In	mm	In	mm			
TV105-12MY	Clear	12 AWG	1000	304.8	0.089	2.26	0.016	0.41	300 V	1	2
TV105-12M20Y	Black	12 AWG	1000	304.8	0.089	2.26	0.016	0.41	300 V	1	2
TV105-6MY	Clear	6 AWG	1000	304.8	0.178	4.52	0.020	0.51	300 V	1	2
TV105-6M20Y	Black	6 AWG	1000	304.8	0.178	4.52	0.020	0.51	300 V	1	2
TV105-3MY	Clear	3 AWG	1000	304.8	0.249	6.32	0.020	0.51	300 V	1	2
TV105-3M20Y	Black	3 AWG	1000	304.8	0.249	6.32	0.020	0.51	300 V	1	2
TV105-1MY	Clear	1 AWG	1000	304.8	0.311	7.89	0.020	0.51	300 V	1	—
TV105-1M20Y	Black	1 AWG	1000	304.8	0.311	7.89	0.020	0.51	300 V	1	—
TV105-.38DY	Clear	3/8	500	152.4	0.399	10.13	0.025	0.64	600 V	1	—
TV105-.38D20Y	Black	3/8	500	152.4	0.399	10.13	0.025	0.64	600 V	1	—
TV105-.50DY	Clear	1/2	500	152.4	0.524	13.30	0.025	0.64	600 V	1	—
TV105-.50D20Y	Black	1/2	500	152.4	0.524	13.30	0.025	0.64	600 V	1	—
TV105-.75TLY	Clear	3/4	250	76.2	0.786	19.96	0.035	0.89	600 V	1	—
TV105-.75TL20Y	Black	3/4	250	76.2	0.786	19.96	0.035	0.89	600 V	1	—
TV105-1.0CY	Clear	1	100	30.5	1.036	26.31	0.035	0.89	600 V	1	2
TV105-1.0C20Y	Black	1	100	30.5	1.036	26.31	0.035	0.89	600 V	1	2

Duct Seal – Sealing Compounds

- Seals irregular openings from air, dust, or water
- Non-hardening sealant that adheres to metal, masonry, wood or plastic
- Provides vibration dampening
- Safe and easy to use, non-corrosive, non-toxic, no asbestos, will not stain or harm hands, and no unpleasant odor.
- Dielectric strength: 200 V/Mil, Min .030" thick



Part Number	Description	Std. Pkg. Qty.
DS1	Duct seal (sealing compound) 1 lb. package	1
DS5	Duct seal (sealing compound) 5 lb. package	1

Mouser Electronics

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[DS1](#) [DS5](#)