

A.
System
Overview

Part Number System for Non-Shrink PVC Tubing

TV105

—

12

M

B1.
Cable Ties

Type

TV105 = PVC Tubing

Nominal Size

12 = 12 AWG
6 = 6 AWG
3 = 3 AWG
1 = 1 AWG
0.38 = 3/8"
0.50 = 1/2"
0.75 = 3/4"
1.0 = 1"

Package Quantity

C = 100' (30.5m)
TL = 250' (76.2m)
D = 500' (152.4m)
M = 1000' (304.8m)

Color Suffix

Leave Blank = Clear
20 = Black

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

UL® SP® 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)



C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

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

Order number of pieces required, in multiples of Standard Package Quantity.

Mouser Electronics

Authorized Distributor

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Panduit:

[DS1](#) [DS5](#) [TV105-1.0C20Y](#)