



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

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)



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

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

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