



ELECTRICAL
MECHANICAL
INSULATION

CSANUSA



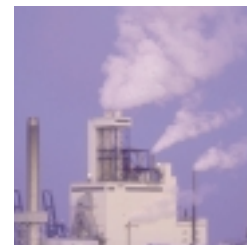
FLAME
RETARDANT



2:1
STANDARD
SHRINK RATIO

Thin Wall Vinyls

CVN 105

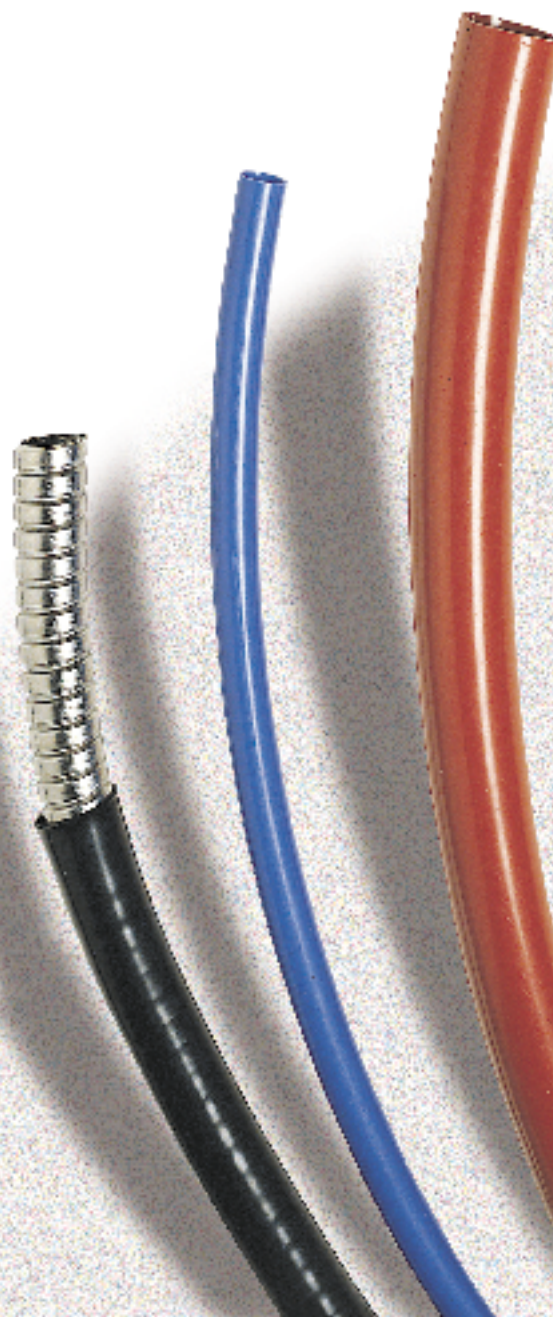


CVN 105

Flexible PVC Heat Shrink Tubing suitable for industrial and electronic applications

Features

- General purpose tubing
- Highly flame retardant
- Seven standard colors
- Flexible
- Meets: UL224 VW-1; CSA C22.2 No 198.1, OFT
- Continuous operating temperature: -30°C to 105°C
- Shrink temperature: 110°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	3300 psi (23.0 MPa)
Elongation	ASTM D2671, ISO 37	300%
Longitudinal Change	ASTM D2671	+/-10%
2% Secant Modulus	ASTM D2671	16000 psi (110 MPa)
Specific Gravity	ASTM D792, ISO R1183	1.31
Elongation after Heat Aging (168hrs at 136°C)	ASTM D2671, ISO 37	250%
Heat Shock (4hrs at 250°C)	ASTM D2671	No cracking or flowing
Low Temperature Flexibility (1hrs at -10°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Self Extinguishing

Electrical

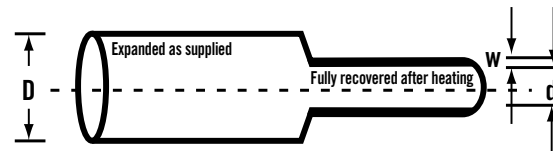
Dielectric Strength	ASTM D2671, IEC 243	600 V/Mil (24kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁶ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.3%
Fungus Resistance	ASTM G21	No Growth

Dimensions

ORDER REF. NO. METRIC	IMPERIAL	EXPANDED		RECOVERED				STANDARD LENGTHS	
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)	WALL THICKNESS (NOM)		AA	BB	
XXXX	YYYY	mm	D IN	mm	d IN	mm	w IN	m	FT
0012	0047	1.2	3/64	0.6	3/128	0.45	0.018	150	1000
0016	0062	1.6	1/16	0.8	1/32	0.45	0.018	150	1000
0024	0093	2.4	3/32	1.2	3/64	0.51	0.020	150	1000
0032	0125	3.2	1/8	1.6	1/16	0.51	0.020	150	1000
0048	0187	4.8	3/16	2.4	3/32	0.51	0.020	75	1000
0064	0250	6.4	1/4	3.2	1/8	0.64	0.025	75	500
0095	0375	9.5	3/8	4.8	3/16	0.64	0.025	75	200
0127	0500	12.7	1/2	6.4	1/4	0.64	0.025	75	200
0160	0625	16.0	5/8	8.0	5/16	0.64	0.025	75	100
0190	0750	19.0	3/4	9.5	3/8	0.89	0.035	75	100
0254	1000	25.4	1	12.7	1/2	0.89	0.035	30	100
0320	1250	32.0	1 1/4	16.0	5/8	0.89	0.035	30	100
0381	1500	38.1	1 1/2	19.0	3/4	1.02	0.040	30	100
0508	2000	50.8	2	25.4	1	1.14	0.045	30	100
0630	2500	63.0	2 1/2	38.1	1	1.17	0.045	15	100
0762	3000	76.2	3	38.1	1 1/2	1.27	0.050	15	50
1016	4000	101.6	4	50.8	2	1.40	0.055	15	50



CANUSA

There's no end to what we cover

CANUSA is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA is a recognized world leader in the provisioning of high quality heat shrink products.

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Ordering

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

To Order in Metric Units:

Order Ref. No. Options
CVN 105 - XXXX - CC - OO - AA - M
 Color Standard Length

To Order in Imperial Units:

Order Ref. No. Options
CVN 105 - YYYY - CC - OO - BB - I
 Color Standard Length

Standard Colors (CC)

Order Code	Color	Order Code	Color
BK	BLACK	YW	YELLOW
RD	RED	GN	GREEN
WE	WHITE	CR	CLEAR
BE	BLUE		

Options (OO)

	Lined	Unlined
Unprinted	00	01
Printed	02	03

* For additional colors please see price list.

Lengths: Supplied on continuous reels

Standards: UL 224 VW-1; CSA C22.2 No. 198.1, OFT

Note: Non-standard colors, sizes and lengths available subject to factory quotation.