

HettaTube™ PVC-300

UL Electrical Grade PVC Tubing



SUMMARY

HettaTube™ PVC-300 tubing are all purpose tubing designed for wide range of applications from mechanical to electrical protection. Designed with UL recognized component PVC, **HettaTube™ PVC-300** series tubing are highly flame retardant, and exhibits excellent abrasion and chemical resistance. **HettaTube™ PVC-300** series tubing are available in clear and Black. Customer colors and sizes also available.

PRODUCT HIGHLIGHTS

- UL Rating: 105°C / 300V
- Good Chemical Resistance
- Good Dielectric Strength
- UL VW-1 Flame Rating
- RoHS Compliant / REACH Compliant

TECHNICAL SPECIFICATIONS

UL PVC Insulation Tubing
Voltage Rating: 300V AC
Temperature Rating: 105°C
Continuous Operating Temp: -20°C – 105°C
Flame Rating: VW-1
Compliance: UL 224

MECHANICAL PERFORMANCE DATA

PROPERTY	TEST METHOD	NOMINAL
Tensile Strength	UL 1581	≥ 1500 PSI
Elongation	UL 1581	≥ 250%
Tensile Strength (Aged)	@136°C / 168 Hrs	≥ 75% / Unaged
Elongation (Aged)	@136°C / 168 Hrs	≥ 100% / Original
Cold Bend	-20°C / 1 Hrs	No Cracks
Heat Shock	°121C / 1 Hrs	No Cracks

ELECTRICAL PERFORMANCE DATA

PROPERTY	NOMINAL
Dielectric Strength	≥ 2.5 KV (A.C.) * 60 Sec.
Volume Resistivity	≥ 1010 Ω cm

CONTACT

ESP
Insulated Products Division
(949) 420-2288
US-ESP.COM

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Available Sizes

Part No.	AWG	I. D. mm	PVC-300 (300V,105°C)		Standard Length (Coils)
			Thickness Min. mm	O.D. mm	
PVC-300-#24-X	24	0.56±0.1	0.330	1.65	1,000 FT
PVC-300-#22-X	22	0.69±0.1	0.330	1.65	1,000 FT
PVC-300-#20-X	20	0.85±0.1	0.330	1.65	1,000 FT
PVC-300-#18-X	18	1.00±0.1	0.330	1.80	1,000 FT
PVC-300-#17-X	17	1.20±0.1	0.330	2.00	1,000 FT
PVC-300-#16-X	16	1.30±0.1	0.330	2.10	1,000 FT
PVC-300-#15-X	15	1.50 +0.15/-0.1	0.330	2.30	1,000 FT
PVC-300-#14-X	14	1.65 +0.15/-0.1	0.330	2.40	1,000 FT
PVC-300-#13-X	13	1.80 +0.15/-0.1	0.330	2.60	1,000 FT
PVC-300-#12-X	12	2.10 +0.15/-0.1	0.330	2.85	1,000 FT
PVC-300-#11-X	11	2.30 +0.25/-0.1	0.330	3.10	1,000 FT
PVC-300-#10-X	10	2.60 +0.25/-0.1	0.330	3.40	1,000 FT
PVC-300-#09-X	9	2.90 +0.30/-0.1	0.431	4.00	1,000 FT
PVC-300-#08-X	8	3.30 +0.30/-0.1	0.431	4.40	1,000 FT
PVC-300-#07-X	7	3.70 +0.30/-0.1	0.431	4.80	1,000 FT
PVC-300-#06-X	6	4.10 +0.30/-0.1	0.431	5.20	1,000 FT
PVC-300-#05-X	5	4.60 +0.30/-0.1	0.431	5.70	1,000 FT
PVC-300-#04-X	4	5.20 +0.30/-0.1	0.431	6.30	1,000 FT
PVC-300-#03-X	3	5.80 +0.45/-0.15	0.431	6.90	1,000 FT
PVC-300-#02-X	2	6.50 +0.45/-0.15	0.431	7.60	500 FT
PVC-300-#01-X	1	7.30 +0.45/-0.15	0.431	8.40	500 FT
PVC-300-#00-X	0	8.30 +0.45/-0.15	0.431	9.40	500 FT

PART NUMBER DESIGNATION

PVC-300-###-X

-- SIZE of Tube

X -- COLOR

X = CLEAR	6 = BLUE
0 = BLACK	7 = VIOLET
1 = RED	8 = GRAY
2 = BROWN	9 = WHITE
3 = ORANGE	
4 = YELLOW	
5 = GREEN	

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