

HettaTube™ PVC-600

UL Electrical Grade PVC Tubing



SUMMARY

HettaTube™ PVC-600 tubing are all purpose tubing designed for wide range of applications from mechanical to electrical protection. Designed with UL recognized component PVC, **HettaTube™ PVC-600** series tubing are highly flame retardant, and exhibits excellent abrasion and chemical resistance. **HettaTube™ PVC-600** series tubing are available in clear and Black. Customer colors and sizes also available.

COLOR CODE

PVC-600-###-**X**

X -- COLOR

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

CONTACT

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

PRODUCT HIGHLIGHTS

- UL Rating: 105°C / 600V
- Good Chemical Resistance
- Good Dielectric Strength
- UL VW-1 Flame Rating
- RoHS Compliant / REACH Compliant

TECHNICAL SPECIFICATIONS

UL PVC Insulation Tubing
Voltage Rating: 600V 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

QUALITY..

SERVICE..

INNOVATION..

An ESP Performance Product

HettaTube™ PVC-600

UL Electrical Grade PVC Tubing

Available Sizes

Part No.	AWG	I. D. mm	PVC-600 (600V,105°C)		Standard Length (Coils)
			Thickness Min. mm	O.D. mm	
PVC-600-#24	24	0.56±0.1	0.431	1.90	1,000 FT
PVC-600-#22	22	0.69±0.1	0.431	1.90	1,000 FT
PVC-600-#20	20	0.85±0.1	0.431	1.90	1,000 FT
PVC-600-#18	18	1.00±0.1	0.431	2.10	1,000 FT
PVC-600-#17	17	1.20±0.1	0.559	2.50	1,000 FT
PVC-600-#16	16	1.30±0.1	0.559	2.00	1,000 FT
PVC-600-#15	15	1.50 +0.15/-0.1	0.559	2.80	1,000 FT
PVC-600-#14	14	1.65 +0.15/-0.1	0.559	3.00	1,000 FT
PVC-600-#13	13	1.80 +0.15/-0.1	0.559	3.0	1,000 FT
PVC-600-#12	12	2.10 +0.15/-0.1	0.559	3.40	1,000 FT
PVC-600-#11	11	2.30 +0.25/-0.1	0.559	3.60	1,000 FT
PVC-600-#10	10	2.60 +0.25/-0.1	0.559	3.90	1,000 FT
PVC-600-#09	9	2.90 +0.30/-0.1	0.559	4.20	1,000 FT
PVC-600-#08	8	3.30 +0.30/-0.1	0.559	4.60	1,000 FT
PVC-600-#07	7	3.70 +0.30/-0.1	0.559	5.00	1,000 FT
PVC-600-#06	6	4.10 +0.30/-0.1	0.559	5.40	1,000 FT
PVC-600-#05	5	4.60 +0.30/-0.1	0.559	5.90	1,000 FT
PVC-600-#04	4	5.20 +0.30/-0.1	0.559	6.50	1,000 FT
PVC-600-#03	3	5.80 +0.45/-0.15	0.559	7.10	1,000 FT
PVC-600-#02	2	6.50 +0.45/-0.15	0.559	7.80	500 FT
PVC-600-#01	1	7.30 +0.45/-0.15	0.559	8.60	500 FT
PVC-600-#00	0	8.30 +0.45/-0.15	0.559	9.30	500 FT
PVC-600-#5/16	5/16"	8.00 +0.45/-0.15	0.559	9.60	500 FT
PVC-600-#3/8	3/8"	9.50 +0.50/-0.20	0.559	10.80	500 FT
PVC-600-#7/16	7/16"	11.10 +0.50/-0.20	0.559	12.40	500 FT
PVC-600-#1/2	1/2"	12.70 +0.50/-0.20	0.559	13.95	250 FT
PVC-600-#9/16	9/16"	14.20 +0.50/-0.20	0.686	16.00	250 FT
PVC-600-#5/8	5/8"	16.00 +0.50/-0.20	0.686	16.80	250 FT
PVC-600-#3/4	3/4"	19.00 +0.50/-0.20	0.686	17.30	250 FT

QUALITY..

SERVICE..

INNOVATION..

An ESP Performance Product