INSULTAB

RoHS

TUBING

4900

FEATURES

- 105°C rated lead-free PVC tubing
- Excellent general purpose flexible tubing
- Resistant to many chemicals, oils and acids
- Resistant to heat
- Resistant to abrasion
- High dielectric strength
- Wide operating temperature range
- Passes UL VW-1 Flame Test
- Meets EU "End of Life" and "Lead Free" requirements
- Meets UL, CSA and Military specifications

USES

- Bundling and protecting wire harnesses
- Electrical insulation of wire splices, terminals and connectors
- Protection against chafing
- Ground strap protection

SPECIFICATIONS

- UL Subject 224 VW-1
- CSA OFT
- Size #24 through Size #1: UL rated for 300V
- Size #5/16 through Size #2½": UL rated for 600V
- AMS 3631
- ASTM D 922
- MIL-DTL-631D Grade C QPL Approved

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TECHNICAL DATA

- **Operating Temperature Range:** -20°C to 105°C
- **Physical / Electrical / Chemical Properties:**
  Specific Gravity: 1.32
  Tensile Strength: 2780 psi
  Ultimate Elongation: 260%
  Brittleness Temperature: -33°C
  Flammability: UL Subject 224 VW-1
  Volume Resistivity: 1.6×10^{14}
  Dielectric Strength: 870 vpm
  Corrosive Effect: Non-corrosive
  Fungus Resistance: No growth
  Superior environmental and UV stability

	Nominal I.D.		Nominal Wall		Standard Packaging (per box) Product on Spools	
AWG No.	in.	mm	in.	mm	ft./ Spool	Total ft./ Box
24	.022	0.56	.012	0.30	2,500'	5,000'
22	.027	0.69	.012	0.30	2,500'	5,000'
20	.034	0.86	.016	0.41	1,000'	4,000'
19	.038	0.97	.016	0.41	1,000'	4,000'
18	.042	1.07	.016	0.41	1,000'	4,000'
17	047	1.19	.016	0.41	1,000'	4,000'
16	.053	1.35	.016	0.41	1,000'	4,000'
15	.059	1.50	.016	0.41	1,000'	4,000'
14	.066	1.68	.016	0.41	1,000'	4,000'
13	.076	1.93	.016	0.41	1,000'	4,000'
12	.085	2.16	.016	0.41	1,000'	4,000'
11	.095	2.41	.016	0.41	1,000'	4,000'
10	.106	2.69	.016	0.41	1,000'	4,000'
9	.118	3.00	.020	0.51	1,000'	4,000'
8	.133	3.38	.020	0.51	1,000'	4,000'
7	.148	3.76	.020	0.51	1,000'	4,000'
6	.166	4.21	.020	0.51	1,000'	2,000'
5 (3 / 16)	.186	4.72	.020	0.51	1,000'	2,000'
4	.208	5.28	.020	0.51	1,000'	2,000'
3	.234	5.94	.020	0.51	1,000'	2,000'
1 / 4	.250	6.35	.020	0.51	1,000'	2,000'
2	.263	6.68	.020	0.51	1,000'	2,000'
1	.294	7.47	.020	0.51	1,000'	2,000'
5 / 16	.313	7.94	.025	0.64	500'	1,000'
0	.330	8.38	.025	0.64	500'	1,000'
3 / 8	.375	9.53	.025	0.64	500'	1,000'
7 / 16	.438	11.11	.025	0.64	500'	1,000'
1 / 2	.500	12.70	.025	0.64	500'	1,000'
9 / 16	.563	14.29	.030	0.76	250'	500'
5 / 8	.625	15.88	.030	0.76	250'	500'
3 / 4	.750	19.05	.035	0.89	250'	500'
7 / 8	.875	22.23	.035	0.89	100'	400'
1"	1.000	25.40	.035	0.89	100'	400'
1 1 / 8	1.125	28.58	.035	0.89	100'	400'
1 1 / 4	1.250	31.75	.040	1.02	100'	400'
1 3 / 8	1.375	34.93	.045	1.14	50'	200'
1 1 / 2	1.500	38.10	.045	1.14	50'	200'
1 3 / 4	1.750	44.45	.055	1.40	50'	200'
2	2.000	50.80	.060	1.52	50'	200'
2 1 / 4	2.250	57.15	.065	1.65	50'	200'
2 1 / 2	2.500	63.50	.070	1.78	50'	200'

- **Standard Colors:** Sizes up to 1 inch: Black, White, Red, Yellow, Clear, Sizes above 1 inch: Black, White, Clear