

# 4900 x .032

## Heavy-Wall, Flexible PVC Tubing



### Uses and Features

General purpose flexible tubing with a 1/32" wall thickness.

Continuous service rated for 105°C

Resistant to most common chemicals and oils

Excellent UV Stability

High dielectric strength

Meets EU "Lead Free" requirements

### Certifications

UL 224 VW-1

CSA OFT rated for 600V

AMS 3631

ASTM D 922

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### Summary of Properties

Category	Property	Units	Value
Mechanical	Specific Gravity	g/cc	1.32
	Tensile Strength	psi	2780
	Ultimate Elongation	%	260
Electrical	Volume Resistivity	ohm-cm	$1.6 \times 10^{14}$
	Dielectric Strength	v/mil	870
Thermal	Flammability	N/A	VW-1

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	.032	0.81	1,000'	4,000'
22	.027	0.69	.032	0.81	1,000'	4,000'
20	.034	0.86	.032	0.81	1,000'	4,000'
19	.038	0.97	.032	0.81	1,000'	4,000'
18	.042	1.07	.032	0.81	1,000'	4,000'
17	.047	1.19	.032	0.81	1,000'	4,000'
16	.053	1.35	.032	0.81	1,000'	4,000'
15	.059	1.50	.032	0.81	1,000'	4,000'
14	.066	1.68	.032	0.81	1,000'	4,000'
13	.076	1.93	.032	0.81	1,000'	4,000'
12	.085	2.16	.032	0.81	1,000'	4,000'
11	.095	2.41	.032	0.81	1,000'	4,000'
10	.106	2.69	.032	0.81	1,000'	4,000'
9	.118	3.00	.032	0.81	1,000'	4,000'
8	.133	3.38	.032	0.81	500'	1,000'
7	.148	3.76	.032	0.81	500'	1,000'
6	.166	4.21	.032	0.81	500'	1,000'
5 (3/16)	.186	4.72	.032	0.81	500'	1,000'
4	.208	5.28	.032	0.81	500'	1,000'
3	.234	5.94	.032	0.81	500'	1,000'
1/4	.250	6.35	.032	0.81	500'	1,000'
2	.263	6.68	.032	0.81	500'	1,000'
1	.294	7.47	.032	0.81	500'	1,000'
5/16	.313	7.94	.032	0.81	500'	1,000'
0	.330	8.38	.032	0.81	500'	1,000'
3/8	.375	9.53	.032	0.81	500'	1,000'
7/16	.438	11.11	.032	0.81	500'	1,000'
1/2	.500	12.70	.032	0.81	250'	500'

Standard Colors: Black, Clear

All information presented is believed to be reliable and is offered only as a guide to product selection. As each application is unique, Insultab can make no warranties as to the suitability of any products for a particular use. Specifications are subject to change.