



These non-woven PVC insulating tubes are UL-certified and are suitable for electrical installations in telecommunications technology, household appliances and general electrical equipment manufacturing, etc., where normal requirements for electrical and mechanical properties are necessary.

PVC Insulated Tubing, UL/CSA Recognized, Heat- and Impregnation Resistant

Technical specifications

Material:

plasticized PVC, heat and impregnation resistant

Temperature range:

20°C to +105°C

Approvals:

ASTM D-922/MIL-I-631, Type F, Grade C

UL 224 (VW-1, 60°, oil resistant) UL-File #E-157822

CSA File Card #217824

Flammability:

VW-1 Good compatibility with all common impregnating agents Oil-resistant, petrol-resistant

Dielectric strength:

0.5 - 2.5 mm Ø

Operating voltage:

300 V for SW Standard Wall

600 V for HW Heavy Wall

Colors:

Standard color black, others on request

Put-up:

0.5 - 1.5 mm Ø	300 m on spool
2.0 - 4.5 mm Ø	200 m on spool
5.0 - 7.0 mm Ø	150 m on spool
8.0 - 12.0 mm Ø	100 m on ring
14.0 - 16.0 mm Ø	50 m on ring
20.0 - 32.0 mm Ø	30 m on ring

Dimensions

Standard Wall					
AWG	Item-Number		Inner-Ø (mm)	Wall thickness (mm)	Operating voltage (V)
24	ISULSW24	◆	0,56	0,30	300
20	ISULSW20	◆	0,86	0,40	300
18	ISULSW18	◆	1,07	0,40	300
15	ISULSW15	◆	1,50	0,40	300
12	ISULSW12	◆	2,16	0,40	300
11	ISULSW11	◆	2,41	0,40	300
9	ISULSW09	◆	3,00	0,50	300
8	ISULSW08	◆	3,38	0,50	300
6	ISULSW06	◆	4,22	0,50	300
5	ISULSW05	◆	4,72	0,50	300
4	ISULSW04	◆	5,28	0,50	300
3	ISULSW03	◆	5,94	0,50	300
2	ISULSW02	◆	6,68	0,50	300
1	ISULSW01	◆	7,47	0,50	300
0	ISULSW00	◆	8,38	0,50	300

Heavy Wall					
AWG	Item Number		Inner- Ø (mm)	Wall thickness (mm)	Operating voltage (V)
4	ISULHW24	◆	0,56	0,40	600
20	ISULHW20	◆	0,86	0,50	600
18	ISULHW18	◆	1,07	0,50	600
15	ISULHW15	◆	1,50	0,60	600
12	ISULHW12	◆	2,16	0,60	600
11	ISULHW11	◆	2,41	0,60	600
9	ISULHW09	◆	3,00	0,60	600
8	ISULHW08	◆	3,38	0,60	600
6	ISULHW06	◆	4,22	0,60	600
5	ISULHW05	◆	4,72	0,60	600
4	ISULHW04	◆	5,28	0,60	600
3	ISULHW03	◆	5,94	0,60	600
2	ISULHW02	◆	6,68	0,60	600
1	ISULHW01	◆	7,47	0,60	600
0	ISULHW00	◆	8,38	0,60	600

Inch - Dimensions					
Size	Item Number		Inner-Ø (mm)	Wall thickness (mm)	Operating voltage (V)
3/8"	ISULHW3/8"	◆	9,53	0,64	600
7/16"	ISULHW7/16"	◆	11,13	0,64	600
1/2"	ISULHW1/2"	◆	12,70	0,64	600
9/16"	ISULHW9/16"	◆	14,30	0,70	600
5/8"	ISULHW5/8"	◆	15,88	0,70	600
3/4"	ISULHW3/4"	◆	19,05	0,77	600
1"	ISULHW1"	◆	25,40	0,77	600

◆ Partly available from stock or on request