

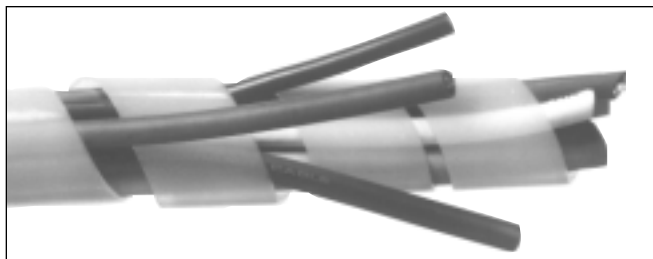
WIRE MANAGEMENT PRODUCTS

SPIRAL WRAP TUBING

SW

SPIRAL WRAP TUBING APPLICATIONS:

- Wire Harness Breakouts
- Cable Bundling



CHARACTERISTICS

OPERATING TEMPERATURE:

- Polyethylene: -20°C to 80°C
- Nylon: -40°C to 120°C
- Teflon*: -70°C to 250°C
- PVC: -20°C to 80°C

COLOR DESCRIPTION:

- SW-1 to 6, SW-20 to 25 and SW-30 to 35: Natural
- SW-10 to 14: White
- SW-40 to 45 and SW-50 to 53: Black

SPIRAL CUT FOR HARNESS BREAKOUTS:

Wire harnessing, cabling and bundling work is simplified with the use of Alpha's SW series spiral wrap tubing. SW tubing wraps tightly to the wire and cable being bundled, yet is flexible and simple to apply. All types maintain flexibility even when bent around sharp edges. Breakouts or tapoff connections may be made through the openings of the wrap. SW spiral wrap is constructed from several semi-rigid tubing materials and then cut on a continual spiral.

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Alpha Part No.	Size In.	Standard Materials	Standard Put-Up Ft.	Max. Oper. Temp.	Min. Oper. Temp.	Nom. O.D. Inches	Nominal Wall Thickness Inches	Max. Diam. Inner Wire Bundle Inches	Flammability
SW-1	1/8	CLEAR POLYETHYLENE Ideal for general indoor applications. This cost-effective material is extremely abrasion resistant and is unaffected by most solvents.	25, 100, 500	80°C (176°F)	-20°C (-4°F)	0.125	0.031	1/2	Not Flame Retardant.
SW-2	1/4		25, 100, 500			0.250	0.046	2	
SW-3	3/8		25, 100			0.375	0.052	3	
SW-4	1/2		25, 100			0.500	0.062	4	
SW-5	3/4		25, 100, 500			0.750	0.065	5	
SW-6	1		25, 100, 500			1.000	0.095	6	
SW-10	1/8	FIRE RESISTANT POLYETHYLENE A cost-effective alternative to Nylon or Teflon*. This special material is self-extinguishing.	25, 100, 500	80°C (176°F)	-20°C (-4°F)	0.125	0.031	1/2	94V-0
SW-11	1/4		25, 100, 500			0.250	0.046	2	
SW-12	3/8		25, 100			0.375	0.052	3	
SW-13	1/2		25, 100			0.500	0.062	4	
SW-14	3/4	25, 100	0.750	0.065	5				
SW-20	1/8	NYLON Highly specialized product that is tough, durable, self-extinguishing, abrasion resistant, lightweight. Operates over a wide temp. range.	25, 100, 500	120°C (176°F)	-40°C (-40°F)	0.125	0.016	1/2	94V-2
SW-21	1/4		25, 100, 500			0.250	0.025	2	
SW-22	3/8		25, 100			0.375	0.035	3	
SW-23	1/2		25, 100			0.500	0.035	4	
SW-24	3/4		25, 100			0.750	0.032	5	
SW-25	1		25, 100			1.000	0.032	6	
SW-30	1/8	TEFLON* Self extinguishing, fluorocarbon, resin material. Possesses greatest min. & max. temp. range of any spiral wrap material. Suitable for use in a number of industrial applications.	25, 100	250°C (482°F)	-70°C (-94°F)	0.125	0.030	1/2	Self Extinguishing.
SW-31	1/4		25, 100			0.250	0.030	2	
SW-32	3/8		25, 100			0.375	0.030	2-1/2	
SW-33	1/2		25, 100			0.500	0.030	3	
SW-34	3/4		25, 100			0.750	0.032	3-1/2	
SW-35	1		25, 100			1.000	0.040	4	
SW-40	1/8	ULTRAVIOLET-RESISTANT BLACK POLYETHYLENE Recommended for outdoor use. Same properties as clear polyethylene but contains extra additive for moisture resistance ultraviolet light and rain.	25, 100, 500	80°C (176°F)	-20°C (-4°F)	0.125	0.030	1/2	Not Flame Retardant.
SW-41	1/4		25, 100, 500			0.250	0.045	2	
SW-42	3/8		25, 100			0.375	0.050	3	
SW-43	1/2		25, 100			0.500	0.060	4	
SW-44	3/4		25, 100, 500			0.750	0.065	5	
SW-45	1		25, 100, 500			1.000	0.095	6	
SW-50	1/8	PVC Superior to abrasion resistance, tensile strength, thermal, mechanical & electrical properties. Self-extinguishing flexible product.	25, 100	80°C (176°F)	-20°C (-4°F)	0.125	0.032	1/2	Self Extinguishing.
SW-51	1/4		25, 100			0.250	0.045	2	
SW-52	3/8		25, 100			0.375	0.052	2-1/2	
SW-53	1/2		25, 100			0.500	0.062	3	

*Registered trademark of E.I. DuPont Co.