

WIRE MANAGEMENT PRODUCTS

SPIRAL WRAP TUBING

SW

RoHS COMPLIANT

SPIRAL WRAP TUBING APPLICATIONS:

- Wire Harness Breakouts
- Cable Bundling

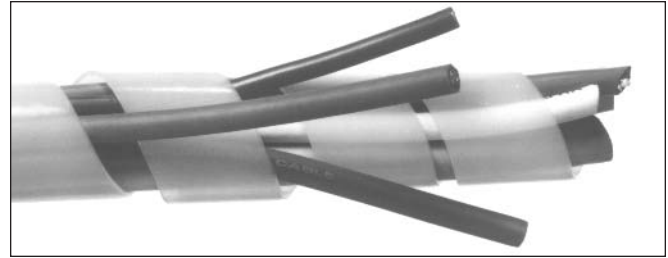
CHARACTERISTICS

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.



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	25, 100, 500	80°C	-20°C	0.125	0.031	1/2	Not Flame Retardant.
SW-2	1/4	Ideal for general indoor	25, 100, 500	(176°F)	(-4°F)	0.250	0.046	2	
SW-3	3/8	applications. This cost-	25, 100			0.375	0.052	3	
SW-4	1/2	effective material is extremely	25, 100			0.500	0.062	4	
SW-5	3/4	abrasion resistant and is	25, 100, 500			0.750	0.065	5	
SW-6	1	unaffected by most solvents.	25, 100, 500			1.000	0.095	6	
SW-10	1/8	FIRE RESISTANT	25, 100, 500	80°C	-20°C	0.125	0.031	1/2	94V-0
SW-11	1/4	POLYETHYLENE	25, 100, 500	(176°F)	(-4°F)	0.250	0.046	2	
SW-12	3/8	A cost-effective alternative to	25, 100			0.375	0.052	3	
SW-13	1/2	Nylon or Teflon*. This special	25, 100			0.500	0.062	4	
SW-14	3/4	material is self-extinguishing.	25, 100			0.750	0.065	5	
SW-20	1/8	NYLON	25, 100, 500	120°C	-40°C	0.125	0.016	1/2	94V-2
SW-21	1/4	Highly specialized product	25, 100, 500	(176°F)	(-40°F)	0.250	0.025	2	
SW-22	3/8	that is tough, durable, self-	25, 100			0.375	0.035	3	
SW-23	1/2	extinguishing, abrasion resis-	25, 100			0.500	0.035	4	
SW-24	3/4	tant, lightweight. Operates	25, 100			0.750	0.032	5	
SW-25	1	over a wide temp. range.	25, 100			1.000	0.032	6	
SW-30	1/8	TEFLON*	25, 100	250°C	-70°C	0.125	0.030	1/2	Self Extinguishing.
SW-31	1/4	Self extinguishing, fluorocarbon,	25, 100	(482°F)	(-94°F)	0.250	0.030	2	
SW-32	3/8	resin material. Possesses	25, 100			0.375	0.030	2-1/2	
SW-33	1/2	greatest min. & max. temp.	25, 100			0.500	0.030	3	
SW-34	3/4	range of any spiral wrap	25, 100			0.750	0.032	3-1/2	
SW-35	1	material. Suitable for use in a	25, 100			1.000	0.040	4	
SW-40	1/8	ULTRAVIOLET-RESISTANT	25, 100, 500	80°C	-20°C	0.125	0.030	1/2	Not Flame Retardant.
SW-41	1/4	BLACK POLYETHYLENE	25, 100, 500	(176°F)	(-4°F)	0.250	0.045	2	
SW-42	3/8	Recommended for outdoor use.	25, 100			0.375	0.050	3	
SW-43	1/2	Same properties as clear	25, 100			0.500	0.060	4	
SW-44	3/4	polyethylene but contains extra	25, 100, 500			0.750	0.065	5	
SW-45	1	additive for moisture resistance	25, 100, 500			1.000	0.095	6	
SW-50	1/8	PVC	25, 100	80°C	-20°C	0.125	0.032	1/2	Self Extinguishing.
SW-51	1/4	Superior taber abrasion	25, 100	(176°F)	(-4°F)	0.250	0.045	2	
SW-52	3/8	resistance, tensile strength,	25, 100			0.375	0.052	2-1/2	
SW-53	1/2	thermal, mechanical & electrical	25, 100			0.500	0.062	3	
		properties. Self-extinguishing							
		flexible product.							

*Registered trademark of E.I. DuPont Co.