



Polyamide compound spiral, for protection from crushing and from abrasion (in compliance with ISO 4649 < 150 mm³) of hydraulic hoses and wrapping groups of hoses.



SMOOTH SURFACES



FLEXIBILITY



ABRASION RESISTANCE



TEMPERATURE RANGE -40°C +125°C peaking at +140°C

-40°F +257°F



CHEMICAL RESISTANCE

POLIAMMIDE



CRUSHING RESISTANCE



SELF-EXTINGUISHING

UL94 HB



ANTI UV

>200 h



COMPRESSION LOAD

≥100



METHOD OF CALCULATION (OUTSIDE Hose Ø mm / INSIDE Spiralina Ø mm) x Hose LENGHT mt = Spiralina mt

Ø NOMINALE	Ø O.D.	WALL THICKNESS	WEIGHT	TENSILE FORCE NEEDED TO ELONGATE OF 100%	FOR HOSES IN BUNDLES Ø ESTERNO MIN-MAX	SPIRAL PITCH	AVAILABILITY
mm	mm	mm	g/m	kg	mm	mm	
13x16	16.2	1.6	60	>0,5	12 - 18	11	ON DEMAND
16x20	19.5	1.7	90	>0,5	16 - 26	13	ON DEMAND
20x25	24.2	2.1	140	>0,5	20 - 27	14.5	ON DEMAND
24x29	28.5	2.5	190	>0,5	23 - 30	15	ON DEMAND
25x30	30	2	195	>0,5	25 - 33	15	ON DEMAND
27x32	32.2	2.6	200	>0,5	27 - 35	16	ON DEMAND
30x35	35.4	2.7	250	>0,5	30 - 35	18	ON DEMAND
35x40	40	2.75	300	>0,5	35 - 60	20.5	ON DEMAND
41x57	49.5	3	400	>0,5	35 - 75	23	ON DEMAND
52x58	58	3.5	510	>0,5	50 - 90	24	ON DEMAND
65x75	69	4	700	>0,5	60 - 120	27	ON DEMAND
80x90	84	4.8	950	>0,5	70 - 200	32	ON DEMAND
100x112	104	4.9	1240	>0,5	85 - 250	42	ON DEMAND
120x132	124	5	1500	>0,5	105 - 300	46	ON DEMAND

All technical specifications apply to a temperature of 23°C ± 2°C (ISO 291). - Tolerance on all specifications ± 5%.