



Rigid PVC spiral, SH. D. (3 Sec.) = 78 ± 3 , for protection from crushing and from from abrasion (in compliance with ISO 4649 < 150 mm³) of hydraulic hoses and wrapping groups of hoses.



SMOOTH SURFACES



FLEXIBILITY



ABRASION RESISTANCE



TEMPERATURE RANGE $-10^{\circ}\text{C} + 60^{\circ}\text{C}$ peaking at $+70^{\circ}\text{C}$
 $14^{\circ}\text{F} + 140^{\circ}\text{F}$



CHEMICAL RESISTANCE

RIGID PVC



CRUSHING RESISTANCE



SELF-EXTINGUISHING

UL94 V0



ANTI UV

>200 h



COMPRESSION LOAD

from \emptyset 13 to \emptyset 16 ≥ 40
from \emptyset 20 to \emptyset 65 ≥ 70



OZONE RESISTANCE

>96 h at 20°C and at 60°C



METHOD OF CALCULATION

(OUTSIDE Hose \emptyset mm / INSIDE Spiralina \emptyset mm) x Hose LENGTH mt = Spiralina mt

Ø NOMINALE	Ø I.D.	Ø O.D.	WALL THICKNESS	WEIGHT	BENDING RADIUS	WORKING PRESSURE 1:3 23°C	TENSILE FORCE NEEDED TO ELONGATE OF 100%	FOR HOSES IN BUNDLES Ø ESTERNO MIN-MAX	SPIRAL PITCH	SPIRAL DIRECTION	COIL LENGTH	AVAILABILITY
mm	mm	mm	mm	g/m	mm	bar	kg	mm	mm		m	
9x12	9	11.4	1.2	40			-	-	10	right		ON DEMAND
13x16	13	15.4	1.2	50			>1,4	12 - 18	10	right		IN STOCK
16x20	16	18.4	1.2	63			>1,4	16 - 26	12	right		IN STOCK
20x25	20	23.6	1.8	120			>1,4	20 - 27	14.5	right		IN STOCK
24x29	23.5	27.3	1.9	160			>2	23 - 30	15	right		IN STOCK
27x32	27	30.8	1.9	195			>2	27 - 35	16	right		IN STOCK
30x35	30	34.4	2.2	230			>2	30 - 35	18	right		IN STOCK
35x40	35.5	40	2.2	280			>2	35 - 60	20.5	right		IN STOCK
44x50	43.5	48	2.3	400			>2	35 - 75	23	right		IN STOCK
56x63	56	61.5	2.7	570			>2	50 - 90	26	right		IN STOCK
65x75	66	73	3.3	770			>2	60 - 120	30	right		IN STOCK
80x90	81	88.6	3.8	1070			>2	75 - 200	35	right		ON DEMAND
100x111	103	111	4.3	1550			>2	-	46	right		ON DEMAND

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