

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



 SMOOTH SURFACE \*\*\*

 FLEXIBILITY \*\*\*\*\*

 ABRASION RESISTANCE \*\*\*\*\*

 TEMPERATURE RANGE  
-10 °c 60 °c


 CHEMICAL RESISTANCE with peaking at +70°c  
RIGID PVC Table


 CRUSHING RESISTANCE \*\*\*\*\*

 OZONE RESISTANCE \*\*\*\*\*

 SELF-EXTINGUISHING  
plastic material according to ul 94 v0

 ANTI-UV  
>200 h

 COMPRESSION LOAD

 from  $\varnothing$  13 to  $\varnothing$  16  $\geq 40$  from  $\varnothing$  20 to  $\varnothing$  65  $\geq 70$

#### METHOD OF CALCULATION

(outside hose  $\varnothing$  mm / inside spiral  $\varnothing$  mm) x hose length  
mt = spiral mt

$\varnothing$ nominal mm	$\varnothing$ i.d. mm	$\varnothing$ o.d. mm	for Single Hoses $\varnothing$ Min-max mm	for Hoses in Bundles o.d. Min-max mm	wall thickness mm	spiral pitch mm	weight meter g/m	Compression load for red. 1/3 $\varnothing$ o.d. kg	Tensile force needed to elongate of 100% kg	coil length m	Availability
9x12	9	11.4			1.2	10	40				On demand
13x16	13	15.4	3/16" - 1/4"	12 - 18	1.2	10	50	$\geq 40$	>1,4	20	In stock
16x20	16	18.4	1/4" - 1/2"	16 - 26	1.2	12	63	$\geq 40$	>1,4	20	In stock
20x25	20	23.6	1/2" - 3/4"	20 - 27	1.8	15	120	$\geq 70$	>1,4	20	In stock
24x29	23.5	27.3	1/2" - 3/4"	23 - 30	1.9	15.5	160	$\geq 70$	>2	20	In stock
27x32	27	30.8	5/8" - 1"	27 - 35	1.9	16	195	$\geq 70$	>2	20	In stock
30x35	30	34.4	3/4" - 1"	30 - 35	2.2	18	230	$\geq 70$	>2	20	In stock
35x40	35.5	40	1" - 1"1/4"	35 - 60	2.2	19.5	280	$\geq 70$	>2	20	In stock
44x50	43.5	48	1"1/4 - 1"1/2"	35 - 75	2.3	20.5	400	$\geq 70$	>2	20	In stock
56x63	56	61.5	1"1/2 - 2"	50 - 90	2.7	26	570	$\geq 70$	>2	20	In stock
65x75	66	73	2"	60 - 120	3.3	30	770	$\geq 70$	>2	20	In stock
80x90	80	88	2"1/2"	75 - 200	3.8	35	1070	$\geq 70$	>2	20	On demand
100x111	103	111	3"	90-220	4.3	46	1550	$\geq 70$	>2	10	On demand
120x131	124	132	4"	110-240	4.4	50	2050	$\geq 70$	>2	10	On demand