

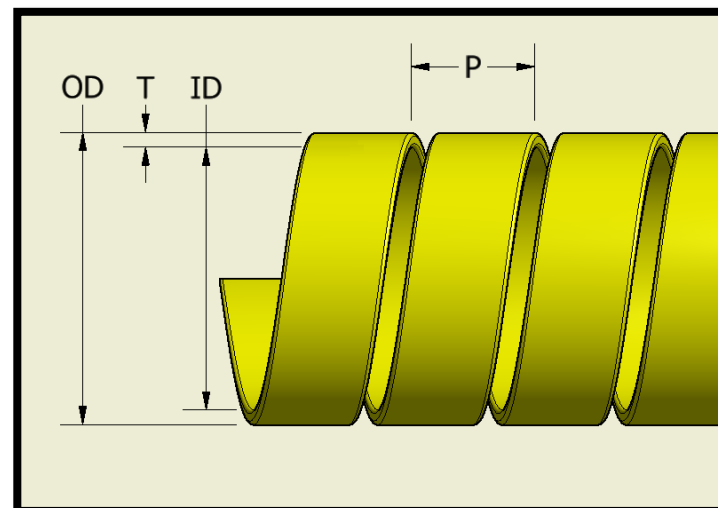
Havel Spiral Hose Guard – data sheet

Havel spiral hose guard is a multipurpose product designed to protect vulnerable cables and pneumatic/hydraulic hoses in every demanding industry.

HP 6 - 10 hose guards are manufactured with cutting method. HP 12 – 140 models are created via industrial extrusion method. Extrusion process allows rounder and stronger construct compared to other conventional methods. Havel hose guards use high quality HDPE (High-density polyethylene) material which tolerates extreme operating temperatures, UV radiation and chemical wear. Havel spiral hose guards use a very low percentage of recycled material from Havel's own surplus production – 15 % maximum of total mass.

Technical specifications

Lowest operating temperature (C°)	-60	Melting point (C°)	over +140
Highest continuous operating temperature (C°)	+85	Tensile strength (MPa/mm ²)	over 20
Highest momentary operating temperature (C°)	+100	Ultimate elongation (%)	50



Products and dimensions

Product code		Inner diameter ID (mm +/-5 %)	Outer diameter OD (mm +/-5 %)	Wall thickness T (mm +/-5 %)	Pitch P (mm +/-5 %)	Recommended diameter for the protected item (mm)	Stock length(s) (m)
Black Hose Guard	Yellow Hose Guard						
HP 6 B	N/A	4	6	1	7	4 - 15	100
HP 8 B	N/A	6	8	1	8	6 - 15	50
HP 10 B	N/A	8	10	1	10	8 - 20	50
HP 12 B	HP 12 Y	10	12	1	11	10 - 20	50
HP 15 B	HP 15 Y	12,5	15	1,25	13	12 - 25	50
HP 18 B	HP 18 Y	15	18	1,5	14	15 - 30	50
HP 20 B	HP 20 Y	16	20	2	18	16 - 30	1, 6, 25, 50
HP 25 B	HP 25 Y	20	25	2,5	20	20 - 40	1, 6, 25, 50
HP 32 B	HP 32 Y	27	32	2,5	25	25 - 60	1, 6, 25, 50
HP 40 B	HP 40 Y	34	40	3	25	30 - 70	25
HP 50 B	HP 50 Y	43,5	50	3,2	34	42 - 80	1, 6, 25, 50
HP 60 B	HP 60 Y	52	60	4	36	50 - 100	6, 25
HP 75 B	HP 75 Y	66,5	75	4,2	41	65 - 120	1, 6, 25
HP 90 B	HP 90 Y	81	90	4,5	47	80 - 140	1, 6, 25
HP 110 B	HP 110 Y	100	110	5	50	95 - 160	1, 6, 25
HP 140 B	HP 140 Y	129	140	5,5	50	120 - 200	1, 6

Hydraulic hose guards may stretch when stored or transported, but will return to the original size when installed. All Havel hose guards can be recycled after being discarded. Hose guard length and colour can be customised upon request.