



Protective Hose – Type ISA

Design

Round, double interlocked profile, unpacked

Material:

Order NO. 700 Galvanized steel strip
Order NO. 822 Stainless steel strip

Characteristics:

The double interlocked profile provides high flexibility combined with high tensile strength, compression and impact resistance thus offering excellent protection against mechanical stress.

Application:

The hose protects cables or tubes for damage due to arcing, hot swarf or chemical contamination.
Effective shielding against electromagnetic waves.

Delivery:

Fixed lengths resp. production lengths

How to order:

S11XXX – XXX
Order NO. according to Material
data sheet printed overleaf

Technical Data Sheet

Order NO.	Dimension				Weight extended length +/- 10% [kg/m]	Minimum bending radius [mm]	Radial load strength min. [N]	Tensile strength min. [N]
	PG	Inner-Ø [mm]	Outer-Ø [mm]	Tolerance +/- [mm]				
S11004		4	6	0,2	0,053	25	900	200
S11005		5	7	0,2	0,066	30	975	300
S11006		6	8	0,2	0,079	35	1050	400
S11007		7	9	0,2	0,093	40	1125	500
S11008		8	11	0,2	0,141	40	1200	600
S11009		9	12	0,2	0,159	45	1275	700
S11010		10	13	0,2	0,177	50	1340	800
S11011	9	11	14	0,2	0,195	55	1415	900
S11012		12	15	0,2	0,213	65	1480	1000
S11013		13	16	0,2	0,230	70	1550	1100
S11014	11	14	17	0,2	0,248	75	1620	1200
S11015		15	18	0,2	0,265	80	1690	1300
S11016	13,5	16	19	0,2	0,283	82	1765	1400
S11017		17	20	0,2	0,301	85	1840	1500
S11018	16	18	21	0,2	0,319	90	1910	1600
S11018		18	22	0,3	0,360	90	3850	1700
S11019		19	23	0,3	0,380	95	3800	1825
S11020		20	24	0,3	0,400	100	3750	1850
S11021		21	25	0,3	0,420	105	3700	1875
S11022		22	26	0,3	0,440	110	3650	1900
S11023	21	23	27	0,3	0,460	115	3600	1925
S11024		24	28	0,3	0,480	120	3550	1950
S11025		25	29	0,3	0,500	125	3500	1975
S11026		26	30	0,3	0,520	130	3450	2000
S11027		27	31	0,3	0,540	135	3400	2025
S11028		28	32	0,3	0,560	140	3350	2050
S11029		29	33	0,3	0,580	145	3300	2175
S11030		30	34	0,4	0,600	150	3250	2200
S11032	29	32	36	0,4	0,640	160	3200	2250
S11034		34	38	0,4	0,680	165	3150	2300
S11036		36	40	0,4	0,720	170	3100	2350
S11038		38	42	0,4	0,760	175	3050	2400
S11040		40	44	0,4	0,790	180	3000	2450
S11041	36	41	45	0,4	0,800	182	2900	2500
S11042		42	46	0,4	0,807	185	2850	2550
S11044		44	48	0,4	0,845	190	2800	2600
S11046		46	50	0,4	0,884	195	2750	2650
S11048	42	48	52	0,4	0,922	200	2700	2700
S11050		50	54	0,5	0,960	205	2650	2750

Special sizes on request.
 Technical data subject to modifications.