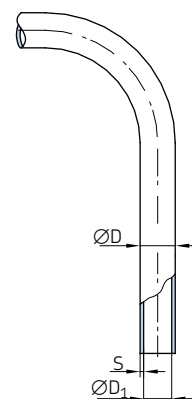


Tubes and hoses

Plastic tubing



Order number	Designation	Tube outside ØD	Wall thickness S	Min. bending radius ¹⁾ R	Operating pressure max. at 20°C/68°F		Material	Weight (100 m)		
		mm	mm	mm	bar	psi		kg	lb	
Plastic tubing semirigid (without plasticizer)										
WVN715-R02.5X0.5	TUBE,PA12H 2,5x 0,5 NATUR	2,5	0,5	25	66	957	PA12H	0,33	0.73	
WVN715-R04X0.85	TUBE,PA12H 4,0x 0,85 NATUR	4	0,85	38	72	1 044	PA12H	0,88	1.94	
WVN715R04X0.85+A89	TUBE,PA12HL 4,0x 0,85 BLACK	4	0,85	38	72	1 044	PA12HL	0,88	1.94	
112-35127-7	TUBE, PA12HL 4,0x 1,0 BLACK	4	1	30	80	1 160	PA12HL	0,9	1.98	
112-35127-5	TUBE,PA12HL 4,0x 1,0 NATUR	4	1	30	80	1 160	PA12HL	0,9	1.98	
WVN715-R06X1	TUBE,PA12H 6,0x 1,0 NATUR	6	1	63	53	768	PA12H	1,61	3.55	
WVN715-R06X1.25	TUBE,PA12H 6,0x 1,25 NATUR	6	1,25	63	70	1 015	PA12H	1,92	4.23	
WVN715R06X1.25+A89	TUBE,PA12HL 6,0x 1,25 BLACK	6	1,25	63	70	1 015	PA12HL	2,16	4.76	
112-35127-2	TUBE,PA12HL 6,0x 1,5 BLACK	6	1,5	40	89	1 290	PA12HL	2,29	5.05	
WVN715-R08x1.25	TUBE,PA12H 8,0x 1,25 NATUR	8	1,25	76	49	710	PA12H	2,73	6.02	
Plastic tubing flexible (containing plasticizer)										
WVN716-R04X0.85	TUBE,PA12PH 4,0x 0,85 NATUR	4	0,85	38	36	522	PA12PH	0,53	1.17	
WVN716R04X0.85+A89	TUBE,PA12PHL 4,0x 0,85 BLACK	4	0,85	38	36	522	PA12PHL	0,53	1.17	
112-35225-4	TUBE,PA12PHL 4,0x 1,0 BLACK	4	1	27	40	580	PA12PHL	0,63	1.39	
WVN716-R06X1.25	TUBE,PA12PH 6,0x 1,25 NATUR	6	1,25	63	35	507	PA12PH	2	4.41	
WVN716R06X1.25+A89	TUBE,PA12PHL 6,0x 1,25 BLACK	6	1,25	63	35	507	PA12PHL	2	4.41	
WVN716-R08X1.25	TUBE,PA12PH 8,0x 1,25 NATUR	8	1,25	80	25	362	PA12PH	2,8	6.17	

¹⁾ without bending device

²⁾ the permissible burst pressure is lower at higher temperatures (→ pressure utilization factor table).

Pressure utilization factor

Temperature up to °C	Pressure efficiency %
23	100
30	83
40	72
50	64
60	57
70	52
80	47

The pressure utilization factor indicates the percentage utilization of effective stress available in the specified temperature ranges, based on 23 °C.

Technical Data

Material

PA 12 H
polyamide 12, semirigid, unplasticized as per DIN 73378, stabilized against heat and aging.

PA 12 PH
polyamide 12, flexible, containing plasticizer as per DIN 73378, stabilized against heat and aging.

Temperature range

–60 to +80 °C

PA 12 HL (black tubing)

polyamide 12, semirigid, unplasticized as per DIN 73378, stabilized against light, heat and aging.

PA 12 PHL (black tubing)

polyamide 12, flexible, containing plasticizer as per DIN 73378, stabilized against light, heat, and aging.

–60 to +80 °C