

METAL HOSE INDEX

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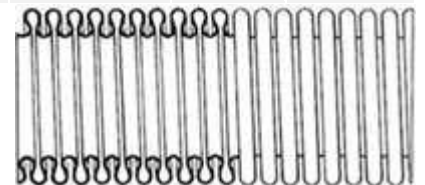
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2.301 Stainless Steel Flexible Hose



Annular Stainless Steel Flexible Hose

Nominal Dia(mm) (in)	Inner Dia (mm)	Outer Dia.(mm)		Min Bend Radius(mm)		Pressure Applicable(MPa)		Weight(kg/m)	
		Main Body	Single Braid	Static State	Dynamic State	Single Braid	Double Braid	Main Body	Single Braid
1/2"	14	20	22	65	120	7.5	12.5	0.21	0.40
5/8"	16	23	25	80	150	6.4	10.0	0.26	0.50
3/4"	20	28	30	100	180	5.0	8.0	0.35	0.60
1"	25	35	37	120	280	4.0	7.5	0.47	0.85
1-1/4"	32	43	45	140	340	3.5	6.4	0.51	0.96
1-1/2"	40	51	53	180	450	3.0	5.6	0.70	1.18
2"	50	62	64	220	550	2.5	4.0	0.85	1.75
2-1/2"	65	79	82	280	650	2.0	4.0	1.41	2.70
3"	80	97	100	350	800	2.0	3.2	1.62	3.12
4"	100	122	125	400	1000	1.6	2.5	2.00	3.70
5"	125	151	155	500	1200	1.5	2.5	2.80	5.0
6"	150	180	184	600	1500	1.5	2.5	3.80	6.6
7"	175	210	215	700	1750	1.2	2.0	5.80	9.7
8"	200	240	245	800	2000	1.2	2.0	6.70	12
10"	250	298	303	1000	2200	1.0	1.6	10.60	18.1
12"	300	360	365	1200	2500	1.0	1.6	17.10	31.4
14"	350	410	415	1400	3000	0.8	1.2	20.00	36.3
16"	400	460	465	1600	3500	0.6	1.0	22.80	41.1
18"	450	520	525	1800	4000				
20"	500	570	575	2000	4500				
24"	600	670	675	2400	5500				



Helix Stainless Steel Flexible Hose

Nominal Dia(mm) (in)	Inner Dia (mm)	Outer Dia.(mm)		Min Bend Radius(mm)		Pressure Applicable(MPa)		Weight(kg/m)	
		Main Body	Single Braid	Static State	Dynamic State	Single Braid	Double Braid	Main Body	Single Braid
1/4"	6.3	9.0	10.5	35	150	6.4	10.0	0.06	0.15
5/16"	7.9	10.9	12.5	45	160	6.4	10.0	0.08	0.18
3/8"	10.8	15.2	16.8	50	180	5.0	8.0	0.13	0.28
1/2"	13.4	18.5	20.0	64	240	4.0	6.4	0.17	0.35
5/8"	16.0	21.5	23.0	80	300	3.5	5.0	0.20	0.40
3/4"	19.1	25.6	27.2	95	340	3.0	4.5	0.24	0.50
1"	25.4	32.6	34.2	100	400	2.5	4.0	0.38	0.75
1-1/4"	32.9	40.6	42.2	130	480	2.5	4.0	0.48	0.96
1-1/2"	39.3	47.6	50.2	200	600	2.5	4.0	0.50	1.00
2"	50.8	61.5	63.5	240	780	2.5	4.0	0.88	1.75

2.202 Metallic Conduit

Galvanized metal tube

Decription:

Galvanized metal tube, also named snake pipe, generally is used in the protection of wire and cable, which is produced through bending galvanized steel into a rectangular-shaped interlocking system for control. It is a low-cost and good flexibility product, which is widely used in construction, machinery and other industries.



Spec		I.d min mm	O.D mm	Pitch mm	length/roll m	Comparative steel tube			
Metric	Inch					Thin-wall steel tube		Thick-wall steel tube	
8	5/16"	7.7	11	4	100				
10	1/4"	9.7	13.5	4.7	100	12	1/2"		
12	3/8"	11.7	15.5	4.7	100	15	3/8"	10	3/8"
15	1/2"	14.7	19	5.7	100	20	3/4"	15	1/2"
20	3/4"	19.6	24.3	6.4	50	25	1"	20	3/4"
25	1"	24.5	30.3	8.7	50	32	1 1/4"	25	1"
32	1 1/4"	31.5	38	10.5	25	40	1 1/2"	32	1 1/4"
38	1 1/2"	37.5	45	11.4	25	50	2"	40	1 1/2"
51	2"	49.5	58	11.4	20	70	2 1/2"	50	2"
64	2 1/2"	62.5	72.5	14.2	10	80	3"	70	2 1/2"
75	3"	73	83.5	14.2	10			80	3"
100	4"	97	108.5	14.2	10			100	4"

Plastic metallic conduit (JSH)

Decription:

Plastic metallic conduit is that galvanized metallic conduit is covered PVC cable material, it is light, good flexibility, connecting to the annex high-strength, and excellent features of electrical properties , anti-oil, anti - Splashing water, have been widely used in electric power, chemical industry, metallurgy, light industry, mechanical industry, and so on.



Spec		I.d min mm	O.D mm	Pitch mm	length/roll m	Comparative steel tube			
Metric	Inch					Thin-wall steel tube		Thick-wall steel tube	
8	5/16"	7.7	11.8	4	100				
10	1/4"	9.7	14.5	4.7	100	12	1/2"		
12	3/8"	11.7	16.5	4.7	100	15	3/8"	10	3/8"
15	1/2"	14.7	20.2	5.7	100	20	3/4"	15	1/2"
20	3/4"	19.6	24.5	6.4	50	25	1"	20	3/4"
25	1"	24.5	31.7	8.7	50	32	1 1/4"	25	1"
32	1 1/4"	31.5	39.6	10.5	25	40	1 1/2"	32	1 1/4"
38	1 1/2"	37.5	46.6	11.4	25	50	2"	40	1 1/2"
51	2"	49.5	59.6	11.4	20	70	2 1/2"	50	2"
64	2 1/2"	62.5	74	14.2	10	80	3"	70	2 1/2"
75	3"	73	85	14.2	10			80	3"
100	4"	97	109	14.2	10			100	4"

Flatted metallic conduit (JSB)

Decription:



Flatted plastic surface metal tube named flatted metal tube shortly, which is coated outer layer thickening of PVC, an increase of retaining control of life and the reliability of the safety. The flatted outer layer makes more Convenience in the cleaning of the equipment. It is durable, wear-resistant and not wrinkled that the outer layer of PVC was bent. Excellent anti-oil, anti-grease and weather be suitable easily, the wire goes through out from it because of its smooth inner. Widely used in a variety of major projects: electric plants, subways, airports; all kinds of machinery: printing press, welder, water pumps, blowers, grinding machines, conveyors, heating equipment and automated production line forging, electroplating, molding equipment, pre-blasting , Rolling, casting, processing, extrusion, and so on.

Spec		I.d min mm	O.D mm	length/roll m	bending radius mm	Comparative steel tube			
Metric	Inch					Thin-wall steel tube		Thick-wall steel tube	
10	1/4"	9.70	16.50	100	50	12	1/2"		
12	3/8"	11.65	18.50	100	60	15	3/8"	10	3/8"
15	1/2"	14.65	21.35	100	80	20	3/4"	15	1/2"
20	3/4"	19.60	26.70	50	100	25	1"	20	3/4"
25	1"	24.50	32.75	50	110	32	1 1/4"	25	1"
32	1 1/4"	31.50	40.50	25	140	40	1 1/2"	32	1 1/4"
38	1 1/2"	37.40	48.00	25	160	50	2"	40	1 1/2"
51	2"	50.00	61.00	20	190	70	2 1/2"	50	2"

2.303 Exhaust Flexible Metal Hose

Type P4 Exhaust Flexible Metal Hose

Material: Galvanized steel strip

Use: Use for transporting foodstuff (rice, shell, flour), wood bits, carbon, smallre and ventilating.



Normal size (mm)	Inner diameter (mm)	Outside diameter (mm)	Normal size (mm)	Inner diameter (mm)	Outside diameter (mm)
75	73	84	170	165	180
100	97	110	180	175	190
120	115	130	200	195	213
130	125	140	220	215	233
150	145	160	250	245	263
160	155	170	300	295	315

Type P3 Exhaust Flexible Metal Hose www.stronaflex.com

Material: Galvanized steel strip and asbestos line

Use: Air-cooled petrol engine, dust for conveying.

Normal size (mm)	Inner diameter (mm)	Outside diameter (mm)	Normal size (mm)	Inner diameter (mm)	Outside diameter (mm)
32	31	39	65	62	76.5
38	37	47	75	72	86.5
40	39	49	80	77	89
50	48	59	90	87	101.5
60	58	71.5	100	97	111.5

2.304 Plica Tube

LZ-4 (Basic Type)



Description:

Prica LZ-4 basic metal casing to protect wire coated galvanized steel strip, and the middle layer to strip. Electrical permits for the water layer. Mainly dry place for indoor decoration, fire, lighting, instrumentation, electrical

No.	I.D mm	O.D mm	O.D. Tolerance mm	Length/roll m	Relevant Conduit		Relevant Conduit for Electric Wire	
					mm	inch	mm	inch
12#	11.4	16.1	±0.2	50	8	1/4	13	1/2
15#	14.1	19.0	±0.2	50	10	3/8	16	5/8
17#	16.6	21.5	±0.2	50	15	1/2	19	3/4
24#	23.8	28.8	±0.2	25	20	3/4	25	1
30#	29.3	34.9	±0.2	25	25	1	32	11/4
38#	37.1	42.9	±0.4	25	32	11/4	38	11/2
50#	49.1	54.9	±0.4	25	40	11/2	51	2
63#	62.6	69.1	±0.6	10	50	2	64	21/2
76#	76.0	82.9	±0.6	10	70	21/2	76	3
83#	81.0	88.1	±0.6	10	80	3		
101#	100.2	107.3	±0.6	5	100	4		
130#	126.4	133	±1.0	3	125	5		

Standards by JG/T3053-1998

1. Casing 12#,15#,No17 outburst allowed per two joints(3) a short, the first part at least shout not be less than 15M. 24#, 30#, 38#, 50# per allow a joint (KAN) short head at least part of not less than 10M.
2. Prica metal casing to protect wiring in accordance with the diameter of pipe size

LV-5 (PVC Covered Waterproof Type)

Description:

LV-5 PVC waterproof plastic casing to protect metal wires used in a special metal casing LZ-4 surface Flexibility is a good coating layer of soft polyethylene (PVC) protective layer.



Except LZ-type characteristics of the product, there are excellent water resistance, corrosion resistance, chemical resistance, apply to damp places that Dark embedded and buried underground piping, wiring can be replaced with ground trough etc.

No.	I.D mm	O.D mm	O.D. Tolerance mm	Thickness of PVC mm	Length/roll m	Relevant Conduit		Relevant Conduit for Electric Wire	
						mm	inch	mm	inch
12#	11.4	17.7	±0.2	0.6mm	50	8	1/4	13	1/2
15#	14.1	20.6	±0.2	0.6mm	50	10	3/8	16	5/8
17#	16.6	23.1	±0.2	0.6mm	50	15	1/2	19	3/4
24#	23.8	30.4	±0.2	0.6mm	25	20	3/4	25	1
30#	29.3	36.5	±0.2	0.6mm	25	25	1	32	11/4
38#	37.1	44.9	±0.4	0.6mm	25	32	11/4	38	11/2
50#	49.1	56.9	±0.4	0.8mm	25	40	11/2	51	2
63#	62.6	71.5	±0.6	0.8mm	10	50	2	64	21/2
76#	76.0	85.3	±0.6	0.8mm	10	70	21/2	76	3
83#	81.0	90.9	±0.8	1.0mm	10	80	3		
101#	100.2	110.1	±0.8	1.0mm	5	100	4		
130#	126.4	136	±1.0	1.5mm	3	125	5		

Standards by JG/T3053-1998

- 1.Casing 12#,15#.NO.17Outburst allowed per two joints(3)A short,the first part at lease should not be less than 8M. 24#,30#,38#,50#per allow a joint(KAN) short head at least part of not less than 5M.
- 2.Prica metal casing to protect wiring in accordance with the diameter of pipe size counterparts.

LV-5Z (PVC Covered Type)

Description:

LV-5Z packet plastic casing flame retardant protection Prica metal wires,the same structure and LV-5. Flame Retardant PVC quality temperature, strength of fire,fire safety requiements applicable to the higher humidity indoors and outdoors electrical construction.exposed piping,instrumentation,piping equipment installation.

No.	I.D mm	O.D mm	O.D. Tolerance mm	Thickness of PVC mm	Length/roll m	Relevant Conduit		Relevant Conduit for Electric Wire	
						mm	inch	mm	inch
12#	11.4	17.7	±0.2	0.6	50	8	1/4	13	1/2
15#	14.1	20.6	±0.2	0.6	50	10	3/8	16	5/8
17#	16.6	23.1	±0.2	0.6	50	15	1/2	19	3/4
24#	23.8	30.4	±0.2	0.6	25	20	3/4	25	1
30#	29.3	36.5	±0.2	0.6	25	25	1	32	1 1/4
38#	37.1	44.9	±0.4	0.6	25	32	1 1/4	38	1 1/2
50#	49.1	56.9	±0.4	0.8	25	40	1 1/2	51	2
63#	62.6	71.5	±0.6	0.8	10	50	2	64	2 1/2
76#	76.0	85.3	±0.6	0.8	10	70	2 1/2	76	3
83#	81.0	90.9	±0.6	1.0	10	80	3		
101#	100.2	110.1	±0.6	1.0	5	100	4		
130#	126.4	136	±1.0	1.5	3	125	5		

Standards by JG/T3053-1998

1.Casing 12#,15#.NO.17Outburst allowed per two joints(3)A short,the first part at lease should not be less than 8M.
24#,30#,38#,50#per allow a joint(KAN) short head at least part of not less than 5M.

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