

Metal hoses

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METAL HOSE 375



I.D.	O.D.	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	mm	kg/m	m	
1 / 25	29	98	0,420	2,5 5 10	375-0025-0000
1,25 / 32	36	124	0,530	2,5 5 10	375-0032-0000
1,36 / 35	39	133	0,580	2,5 5 10	375-0035-0000
- / 40	45	135	0,700	2,5 5 10	375-0040-0000
2 / 50-51	55	155	0,810	2,5 5 10	375-0050-0000
2,36 / 60	66	185	1,010	2,5 5 10	375-0060-0000
2,5 / 63-65	71	198	1,090	2,5 5 10	375-0065-0000
- / 70	76	205	1,170	2,5 5 10	375-0070-0000
3 / 75-76	81	218	1,250	2,5 5 10	375-0075-0000
- / 80	86	230	1,330	2,5 5 10	375-0080-0000
4 / 100-102	107	250	1,980	2,5 5 10	375-0100-0000
4,72 / 120	127	320	2,360	2,5 5 10	375-0120-0000
5 / 125-127	132	338	2,450	2,5 5 10	375-0125-0000
- / 130	139	345	2,860	2,5 5 10	375-0130-0000
5,5 / 140	149	360	3,070	2,5 5 10	375-0140-0000
6 / 150-152	159	385	3,290	2,5 5 10	375-0150-0000
6,3 / 160	169	410	3,500	2,5 5 10	375-0160-0000
7 / 178-180	189	455	3,930	2,5 5 10	375-0180-0000
8 / 200-203	211	460	5,220	2,5 5 10	375-0200-0000
- / 225	236	518	5,860	2,5 5 10	375-0225-0000
- / 250	261	575	6,500	2,5 5	375-0250-0000
- / 275	286	633	7,130	2,5 5	375-0275-0000
- / 300	311	700	7,780	2,5 5	375-0300-0000

Metal hose, suction hose (up to +120°C)

Applications: hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases; extraction unit, dedusting system, filter system, oil mist extraction; explosion hazard area; wood dust extraction, wood chips: furniture production, saw mill; paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems; high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill

Properties: abrasion-resistant; electrically conductive wall: electrical and surface resistance $<10^3 \Omega$; in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for use in zone 1 and 2 (gases), for use in Zone 0 (gases); conforms to RoHS guideline

Temperature Range: 120°C

Design, Material: Metal hose; profiled metal strip, galvanised steel; hooked profile; seal: special fibre

Delivery variants: further diameters and lengths available on request; without sealing or with rubber sealing

Accessories: 270-271, 202-206

METAL HOSE 375 HT



I.D.	O.D.	Bending Radius	Weight	Dimensions in Stock	Order No.
in / mm	mm	mm	kg/m	m	
- / 20	24	90	0,350	10	375-0020-2880
1 / 25	29	98	0,430	10	375-0025-2880
- / 30	34	115	0,510	10	375-0030-2880
1,25 / 32	36	124	0,550	10	375-0032-2880
1,36 / 35	39	133	0,590	10	375-0035-2880
1,5 / 38	42	136	0,650	10	375-0038-2880
- / 40	45	135	0,680	10	375-0040-2880
1,75 / 44-45	50	143	0,760	10	375-0045-2880
2 / 50-51	55	155	0,840	10	375-0050-2880
- / 55	60	173	0,900	10	375-0055-2880
2,36 / 60	66	185	1,010	10	375-0060-2880
2,5 / 63-65	71	198	1,090	10	375-0065-2880
- / 70	76	205	1,170	10	375-0070-2880
3 / 75-76	81	218	1,250	10	375-0075-2880
- / 80	86	230	1,340	10	375-0080-2880
3,5 / 89-90	97	235	1,850	10	375-0090-2880
4 / 100-102	107	250	2,040	10	375-0100-2880
- / 110	117	275	2,240	10	375-0110-2880
4,72 / 120	127	320	2,440	10	375-0120-2880
5 / 125-127	132	338	2,540	10	375-0125-2880
- / 130	139	345	2,930	10	375-0130-2880
5,5 / 140	149	360	3,130	10	375-0140-2880
6 / 150-152	159	385	3,350	10	375-0150-2880
6,3 / 160	169	410	3,570	10	375-0160-2880
7 / 178-180	189	455	4,010	10	375-0180-2880
8 / 200-203	211	460	5,510	5 10	375-0200-2880
- / 225	236	518	6,180	5 10	375-0225-2880
- / 250	261	575	6,850	5	375-0250-2880
- / 275	286	633	7,520	5	375-0275-2880
- / 300	311	700	8,200	5	375-0300-2880

Metal hose, suction hose (up to +400°C)

Applications: hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases; extraction unit, dedusting system, filter system, oil mist extraction; explosion hazard area; wood dust extraction, wood chips: furniture production, saw mill; paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems; high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill

Properties: abrasion-resistant; very good heat resistance; flame-retardant; electrically conductive wall: electrical and surface resistance $<10^3 \Omega$; in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for use in zone 1 and 2 (gases), for use in Zone 0 (gases); conforms to RoHS guideline

Temperature Range: 400°C

Delivery variants: further diameters and lengths available on request; without sealing or with rubber sealing

Accessories: 270-271, 202-206

Design, Material: Metal hose; profiled metal strip, galvanised steel; hooked profile; seal: glass fibre

METAL HOSE INOX 376



I.D.	O.D.	Bending Radius	Weight	Production Lengths	Order No.
in / mm	mm	mm	kg/m	m	
- / 20	24	90	0,350	5 10	376-0020-0000
1 / 25	29	98	0,430	5 10	376-0025-0000
- / 30	34	115	0,510	5 10	376-0030-0000
1,25 / 32	36	124	0,550	5 10	376-0032-0000
1,36 / 35	39	133	0,590	5 10	376-0035-0000
1,5 / 38	42	136	0,650	5 10	376-0038-0000
- / 40	45	135	0,680	5 10	376-0040-0000
1,75 / 44-45	50	143	0,760	5 10	376-0045-0000
2 / 50-51	55	155	0,840	5 10	376-0050-0000
- / 55	60	173	0,900	5 10	376-0055-0000
2,36 / 60	66	185	1,010	5 10	376-0060-0000
2,5 / 63-65	71	198	1,090	5 10	376-0065-0000
- / 70	76	205	1,170	5 10	376-0070-0000
3 / 75-76	81	218	1,250	5 10	376-0075-0000
- / 80	86	230	1,340	5 10	376-0080-0000
3,5 / 89-90	97	235	1,850	5 10	376-0090-0000
4 / 100-102	107	250	2,040	5 10	376-0100-0000
- / 110	117	275	2,240	5 10	376-0110-0000
4,72 / 120	127	320	2,440	5 10	376-0120-0000
5 / 125-127	132	338	2,540	5 10	376-0125-0000
- / 130	139	345	2,920	5 10	376-0130-0000
5,5 / 140	149	360	3,130	5 10	376-0140-0000
6 / 150-152	159	385	3,350	5 10	376-0150-0000
6,3 / 160	169	410	3,570	5 10	376-0160-0000
- / 170	179	435	3,720	5 10	376-0170-0000
7 / 178-180	189	455	4,010	5 10	376-0180-0000
8 / 200-203	211	460	5,510	5	376-0200-0000
- / 225	236	518	6,180	5	376-0225-0000
- / 250	261	575	6,850	5	376-0250-0000
- / 275	286	633	7,520	5	376-0275-0000
- / 300	311	700	8,200	5	376-0300-0000

Metal hose, stainless steel (INOX), suction hose (up to +600°C)

Applications: hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases; extraction unit, dedusting system, filter system, oil mist extraction; explosion hazard area; wood dust extraction, wood chips: furniture production, saw mill; paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems; high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill

Properties: abrasion-resistant; extremely heat resistant; good resistance to alkalis and acids; extremely good resistance to chemicals; flame-retardant; electrically conductive wall: electrical and surface resistance <math><10^3 \Omega</math>; in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for use in zone 1 and 2 (gases), for use in Zone 0 (gases); conforms to RoHS guideline

Temperature Range: 600°C

Design, Material: Metal hose; profiled metal strip, stainless steel (INOX); hooked profile; seal: glass fibre

Delivery variants: further diameters and lengths available on request

Accessories: 270-271, 202-206

METAL HOSE 377 REINFORCED



I.D.	O.D.	Bending Radius	Weight	Production Lengths	Order No.
in / mm	mm	mm	kg/m	m	
2 / 50-51	59	185	1,200	10	377-0050-0000
2,36 / 60	68	330	2,720	10	377-0060-0000
2,5 / 63-65	73	348	2,940	10	377-0065-0000
- / 70	78	375	3,160	10	377-0070-0000
3 / 75-76	83	403	3,380	10	377-0075-0000
- / 80	88	420	3,600	10	377-0080-0000
3,5 / 89-90	100	425	3,950	10	377-0090-0000
4 / 100-102	110	440	4,380	10	377-0100-0000
- / 110	120	485	4,810	10	377-0110-0000
4,72 / 120	130	520	5,240	10	377-0120-0000
5 / 125-127	135	538	5,450	10	377-0125-0000
- / 130	141	795	7,370	10	377-0130-0000
5,5 / 140	151	850	7,920	10	377-0140-0000
6 / 150-152	162	905	8,470	10	377-0150-0000
6,3 / 160	172	960	9,030	10	377-0160-0000
- / 175	186	1043	9,860	10	377-0175-0000
7 / 178-180	191	1070	10,100	10	377-0180-0000
8 / 200-203	216	1210	15,100	5	377-0200-0000
- / 225	241	1348	17,000	5	377-0225-0000
- / 250	266	1495	18,800	5	377-0250-0000
- / 300	316	1770	22,500	5	377-0300-0000

Metal hose, transport hose

Applications: hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone; explosion hazard area; raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings; high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill

Properties: super-heavy duty and reinforced; abrasion-resistant; flame-retardant; in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for use in zone 1 and 2 (gases), for use in Zone 0 (gases); conforms to RoHS guideline

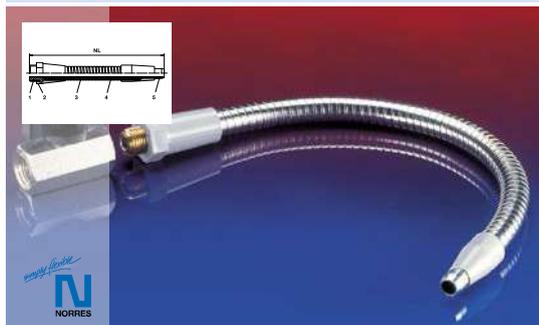
Temperature Range: 120°C

Design, Material: Metal hose; profiled metal strip, galvanised steel; hooked profile; seal: special fibre; reinforcement of the primary abrasion areas

Delivery variants: further diameters and lengths available on request; up to 400°C approx. with glass fibre sealing; up to 600°C approx. with glass fibre sealing and stainless steel (INOX)

Accessories: 202-206

COOLING HOSE 950-955

**Coolant hose**

Properties: retaining any adjusted position; good resistance to alkalis and acids; good resistance to chemicals; conforms to RoHS guideline

Temperature Range: -20°C to 70°C

Design, Material: Metal hose; rugged and non-corroding connecting thread (brass); wide flat; long-life adjustable steel hose (nickel-plated); sealing inner tube; robust steel drain spout

Connecting Thread	Nominal Length	Thread Length	Wrench Size SW	Bending Radius	Weight	Order No.
	mm	mm	mm	mm	kg/m	
Coolant hose						
R 1/8	200	9	17	49	0,080	950-0200-1210
R 1/8	250	9	17	49	0,100	950-0250-1210
R 1/8	320	9	17	49	0,120	950-0320-1210
R 1/8	400	9	17	49	0,150	950-0400-1210
R 1/8	500	9	17	49	0,190	950-0500-1210
R 1/8	630	9	17	49	0,240	950-0630-1210
R 1/8	800	9	17	49	0,300	950-0800-1210
R 1/4	200	9	19	57	0,120	951-0200-1210
R 1/4	250	9	19	57	0,150	951-0250-1210
R 1/4	320	9	19	57	0,180	951-0320-1210
R 1/4	400	9	19	57	0,230	951-0400-1210
R 1/4	500	9	19	57	0,280	951-0500-1210
R 1/4	630	9	19	57	0,350	951-0630-1210
R 1/4	800	9	19	57	0,450	951-0800-1210
R 3/8	200	9	22	67	0,180	952-0200-1210
R 3/8	250	9	22	67	0,220	952-0250-1210
R 3/8	320	9	22	67	0,280	952-0320-1210
R 3/8	400	9	22	67	0,350	952-0400-1210
R 3/8	500	9	22	67	0,430	952-0500-1210
R 3/8	630	9	22	67	0,540	952-0630-1210
R 3/8	800	9	22	67	0,680	952-0800-1210
R 1/2	320	9	24	71	0,330	953-0320-1210
R 1/2	400	9	24	71	0,400	953-0400-1210
R 1/2	500	9	24	71	0,500	953-0500-1210
R 1/2	630	9	24	71	0,620	953-0630-1210
R 1/2	800	9	24	71	0,780	953-0800-1210
stop cock						
R 1/2	-	-	24	-	-	955-0012-0000
R 1/4	-	-	19	-	-	955-0014-0000
R 1/8	-	-	17	-	-	955-0018-0000
R 3/8	-	-	22	-	-	955-0038-0000

Delivery variants: further diameters and lengths available on request; stop cock