

Water Hose - Low Pressure

Description - Low-pressure rubber water hose produced to TS EN ISO 1403 Type-1 for general water transfer at 6 bar.

Application

Garden use, irrigation, construction site water lines, and utility water transfer.

Standard / Approval

TS EN ISO 1403 - Type 1

Flow Medium

Water

Working Pressure

6 Bar / 87.02 psi

Bursting Pressure

18 Bar / 261.08 psi

Water Hose

Suction & Delivery Hose

Overview

Totflex Suction & Discharge water hoses are engineered to perform across all levels of pressure and operating conditions required in industrial, construction, agricultural, and municipal water-handling applications. Each product family in this category is built according to the relevant TS EN ISO standards and supplied in 61-meter standard lengths, ensuring uniformity across all hose types.



Range for Water Hoses

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Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12.7	0.50	21	0.83	6	87.02	18	261.08	330
16	0.63	24	0.94	6	87.02	18	261.08	375
19	0.75	27	1.06	6	87.02	18	261.08	435
20		28	1.10	6	87.02	18	261.08	450
22	0.88	30	1.18	6	87.02	18	261.08	500
25.4	1.00	33	1.30	6	87.02	18	261.08	525
28.5	1.13	36	1.42	6	87.02	18	261.08	570
30	1.19	38	1.50	6	87.02	18	261.08	640
32	1.25	40	1.57	6	87.02	18	261.08	680
35	1.38	43	1.69	6	87.02	18	261.08	735
38	1.50	46	1.81	6	87.02	18	261.08	790
40	1.56	48	1.89	6	87.02	18	261.08	830
42		50	1.97	6	87.02	18	261.08	902
44.5	1.75	53	2.09	6	87.02	18	261.08	975
48		56	2.20	6	87.02	18	261.08	1017
50.8	2.00	60	2.36	6	87.02	18	261.08	1060
55	2.17	63	2.48	6	87.02	18	261.08	1110
60	2.33	68	2.68	6	87.02	18	261.08	1205
63.5	2.50	72	2.83	6	87.02	18	261.08	1360
65	2.56	75	2.95	6	87.02	18	261.08	1650
70	2.75	80	3.15	6	87.02	18	261.08	1770
76	3.00	86	3.39	6	87.02	18	261.08	1910
80	3.13	90	3.54	6	87.02	18	261.08	2000
88.9	3.50	100	3.94	6	87.02	18	261.08	2470
101.6	4.00	112	4.41	6	87.02	18	261.08	2620
110	4.31	122	4.80	6	87.02	18	261.08	3280
114	4.50	126	4.96	6	87.02	18	261.08	3400
127	5.00	139	5.47	6	87.02	18	261.08	3760

* Working and bursting pressure valid at 20°C

** Length tolerance +/- 5%

*** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

-10°C | +60°C
TEMPERATURE
RANGE

61 Meter
LENGTH



Water Hose - Medium Pressure

Description - Medium-pressure rubber water hose manufactured according to TS EN ISO 1403 Type-2 for 10-bar water transfer in industrial and utility applications.

Application

Machine water connections and general industrial water lines requiring stable medium-pressure performance.

Standard / Approval

TS EN ISO 1403 - Type 2

Flow Medium

Water

Working Pressure

10 Bar / 145.03 psi

Bursting Pressure

30 Bar / 435.11 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12.7	0.50	21	0.83	10	145.03	30	435.11	330
16	0.63	24	0.94	10	145.03	30	435.11	375
19	0.75	27	1.06	10	145.03	30	435.11	435
20		28	1.10	10	145.03	30	435.11	450
22	0.88	30	1.18	10	145.03	30	435.11	500
25.4	1.00	33	1.30	10	145.03	30	435.11	525
28.5	1.13	36	1.42	10	145.03	30	435.11	570
30	1.19	38	1.50	10	145.03	30	435.11	640
32	1.25	41	1.61	10	145.03	30	435.11	775
35	1.38	44	1.73	10	145.03	30	435.11	840
38	1.50	47	1.85	10	145.03	30	435.11	900
40	1.56	49	1.93	10	145.03	30	435.11	950
42		51	2.01	10	145.03	30	435.11	1025
44.5	1.75	53	2.09	10	145.03	30	435.11	1100
48		56	2.20	10	145.03	30	435.11	1150
50.8	2.00	60	2.36	10	145.03	30	435.11	1200
55	2.17	64	2.52	10	145.03	30	435.11	1260
60	2.33	70	2.76	10	145.03	30	435.11	1530
63.5	2.50	74	2.91	10	145.03	30	435.11	1700
65	2.56	75	2.95	10	145.03	30	435.11	1850
70	2.75	82	3.23	10	145.03	30	435.11	2150
76	3.00	88	3.46	10	145.03	30	435.11	2320
80	3.13	92	3.62	10	145.03	30	435.11	2430
88.9	3.50	102	4.02	10	145.03	30	435.11	2950
101.6	4.00	115	4.53	10	145.03	30	435.11	3420
110	4.31	123	4.84	10	145.03	30	435.11	3570
114	4.50	127	5.00	10	145.03	30	435.11	3700
127	5.00	140	5.51	10	145.03	30	435.11	4100

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

-10°C | +60°C
TEMPERATURE RANGE

61 Meter
LENGTH

Water Hose - High Pressure

Description - High-pressure rubber water hose produced according to TS EN ISO 1403 Type-3 for 25-bar water transfer in demanding industrial applications.

Application

Water connection lines in all industrial sectors where high operating pressure is required.

Standard / Approval

TS EN ISO 1403 - Type 3

Flow Medium

Water

Working Pressure

25 Bar / 362.59 psi

Bursting Pressure

75 Bar / 1087.78 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12.7	0.50	21	0.83	25	362.59	75	1087.78	330
16	0.63	26	1.02	25	362.59	75	1087.78	500
19	0.75	29	1.14	25	362.59	75	1087.78	565
20		30	1.18	25	362.59	75	1087.78	590
22	0.88	32	1.26	25	362.59	75	1087.78	635
25.4	1.00	36	1.42	25	362.59	75	1087.78	770
28.5	1.13	39	1.54	25	362.59	75	1087.78	835
30	1.19	40	1.57	25	362.59	75	1087.78	1000
32	1.25	44	1.73	25	362.59	75	1087.78	1100
35	1.38	48	1.89	25	362.59	75	1087.78	1270
38	1.50	51	2.01	25	362.59	75	1087.78	1360
40	1.56	53	2.09	25	362.59	75	1087.78	1425
42		55	2.17	25	362.59	75	1087.78	1527
44.5	1.75	58	2.28	25	362.59	75	1087.78	1630
48		61	2.40	25	362.59	75	1087.78	1790
50.8	2.00	65	2.56	25	362.59	75	1087.78	1950
55	2.17	70	2.76	25	362.59	75	1087.78	2210
60	2.33	75	2.95	25	362.59	75	1087.78	2400
63.5	2.50	79	3.11	25	362.59	75	1087.78	2600
65	2.56	80	3.15	25	362.59	75	1087.78	2950
70	2.75	87	3.43	25	362.59	75	1087.78	3150
76	3.00	93	3.66	25	362.59	75	1087.78	3400
80	3.13	97	3.82	25	362.59	75	1087.78	3550
88.9	3.50	106	4.17	25	362.59	75	1087.78	3950
101.6	4.00	119	4.69	25	362.59	75	1087.78	4520
110	4.31	127	5.00	25	362.59	75	1087.78	4750
114	4.50	131	5.16	25	362.59	75	1087.78	4900
127	5.00	145	5.71	25	362.59	75	1087.78	5800

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

-20°C | +80°C
TEMPERATURE RANGE

61 Meter
LENGTH

Water Hose - Textile Reinforced - 5 Bar

Description - Flat-lay textile-reinforced water hose designed for 5-bar water delivery where lightweight handling and compact storage are required.

Application

Agricultural watering, construction site water distribution, and general flat-lay water transfer lines.

Standard / Approval

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Flow Medium

Water

Working Pressure

5 Bar / 72.51 psi

Bursting Pressure

15 Bar / 217.55 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12,7	0.50	-	-	-	-	-	-	-
16	0.63	-	-	-	-	-	-	-
19	0.75	-	-	-	-	-	-	-
20	0.75	-	-	-	-	-	-	-
22	0.88	-	-	-	-	-	-	-
25,4	1.00	-	-	-	-	-	-	-
28,5	1.13	-	-	-	-	-	-	-
30	1.19	-	-	-	-	-	-	-
32	1.25	-	-	-	-	-	-	-
35	1.38	-	-	-	-	-	-	-
38	1.50	-	-	-	-	-	-	-
40	1.56	-	-	-	-	-	-	-
42	1.56	-	-	-	-	-	-	-
44,5	1.75	-	-	-	-	-	-	-
48	1.75	-	-	-	-	-	-	-
50,8	2.00	56	2.20	5	72.51	15	217.55	650
55	2.17	60	2.36	5	72.51	15	217.55	680
60	2.38	65	2.56	5	72.51	15	217.55	735
63,5	2.50	69	2.72	5	72.51	15	217.55	860
65	2.56	71	2.80	5	72.51	15	217.55	960
70	2.75	76	2.99	5	72.51	15	217.55	1035
76	3.00	82	3.23	5	72.51	15	217.55	1120
80	3.13	86	3.39	5	72.51	15	217.55	1200
88,9	3.50	95	3.74	5	72.51	15	217.55	1330
101,6	4.00	108	4.25	5	72.51	15	217.55	1580
110	4.31	116	4.57	5	72.51	15	217.55	1600
114	4.50	120	4.72	5	72.51	15	217.55	1660
127	5.00	134	5.28	5	72.51	15	217.55	2150

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

-5°C | +55°C
TEMPERATURE RANGE

61 Meter
LENGTH

Water Hose - Textile Reinforced - 10 Bar

Description - Flat-lay textile-reinforced water hose designed for 10-bar service where stronger flat-lay performance is required compared to the 5-bar version.

Application

Industrial and construction water distribution lines, agricultural watering systems, and general flat-lay water delivery under medium pressure.

Standard / Approval

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Flow Medium

Water

Working Pressure

10 Bar / 145.03 psi

Bursting Pressure

30 Bar / 435.11 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12,7	0.50	-	-	-	-	-	-	-
16	0.63	-	-	-	-	-	-	-
19	0.75	-	-	-	-	-	-	-
20	0.75	-	-	-	-	-	-	-
22	0.88	-	-	-	-	-	-	-
25,4	1.00	-	-	-	-	-	-	-
28,5	1.13	-	-	-	-	-	-	-
30	1.19	-	-	-	-	-	-	-
32	1.25	-	-	-	-	-	-	-
35	1.38	-	-	-	-	-	-	-
38	1.50	-	-	-	-	-	-	-
40	1.56	-	-	-	-	-	-	-
42	1.56	-	-	-	-	-	-	-
44,5	1.75	-	-	-	-	-	-	-
48	1.75	-	-	-	-	-	-	-
50,8	2.00	57	2.24	10	145.03	30	435.11	790
55	2.17	61	2.40	10	145.03	30	435.11	820
60	2.38	66	2.60	10	145.03	30	435.11	890
63,5	2.50	70	2.76	10	145.03	30	435.11	1025
65	2.56	72	2.83	10	145.03	30	435.11	1130
70	2.75	77	3.03	10	145.03	30	435.11	1215
76	3.00	83	3.27	10	145.03	30	435.11	1310
80	3.13	87	3.43	10	145.03	30	435.11	1380
88,9	3.50	96	3.78	10	145.03	30	435.11	1550
101,6	4.00	109	4.29	10	145.03	30	435.11	1835
110	4.31	118	4.65	10	145.03	30	435.11	2150
114	4.50	123	4.84	10	145.03	30	435.11	2520
127	5.00	136	5.35	10	145.03	30	435.11	2800

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

-5°C | +55°C
TEMPERATURE RANGE

61 Meter
LENGTH

Water Hose - Discharge and Suction - 10Bar

Description - Smooth-bore rubber suction and discharge hose designed for stable vacuum performance and 10-bar water transfer in construction and industrial applications.

Application

Used for general water suction and delivery in construction sites, industrial plants, pumps, tank systems, and all water handling operations requiring medium-pressure suction capability.

Standard / Approval

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Flow Medium

Water

Working Pressure

10 Bar / 145.03 psi

Bursting Pressure

30 Bar / 435.11 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Vacuum	Weight
mm	inch	mm	inch	bar	psi	bar	psi	bar	gr/m
12,7	0.50	-	-	-	-	-	-	-	-
16	0.63	-	-	-	-	-	-	-	-
19	0.75	-	-	-	-	-	-	-	-
20	0.75	-	-	-	-	-	-	-	-
22	0.88	-	-	-	-	-	-	-	-
25,4	1.00	34	1.34	10	145.03	30	435.11	-0.92	680
28,5	1.13	37	1.46	10	145.03	30	435.11	-0.92	750
30	1.19	40	1.57	10	145.03	30	435.11	-0.92	935
32	1.25	42	1.65	10	145.03	30	435.11	-0.92	1000
35	1.38	45	1.77	10	145.03	30	435.11	-0.92	1070
38	1.50	48	1.89	10	145.03	30	435.11	-0.92	1150
40	1.56	50	1.97	10	145.03	30	435.11	-0.92	1200
42	1.56	52	2.05	10	145.03	30	435.11	-0.92	1300
44,5	1.75	55	2.17	10	145.03	30	435.11	-0.92	1400
48	1.75	58	2.28	10	145.03	30	435.11	-0.92	1550
50,8	2.00	62	2.44	10	145.03	30	435.11	-0.92	1700
55	2.17	66	2.60	10	145.03	30	435.11	-0.92	1800
60	2.38	72	2.83	10	145.03	30	435.11	-0.92	2120
63,5	2.50	75	2.95	10	145.03	30	435.11	-0.92	2150
65	2.56	77	3.03	10	145.03	30	435.11	-0.92	2275
70	2.75	82	3.23	10	145.03	30	435.11	-0.92	2450
76	3.00	89	3.50	10	145.03	30	435.11	-0.92	2860
80	3.13	93	3.66	10	145.03	30	435.11	-0.92	3000
88,9	3.50	102	4.02	10	145.03	30	435.11	-0.92	3350
101,6	4.00	115	4.53	10	145.03	30	435.11	-0.92	3900
110	4.31	123	4.84	10	145.03	30	435.11	-0.92	4050
114	4.50	128	5.04	10	145.03	30	435.11	-0.92	4550

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%

Other colors are available against MOQ • Autres couleurs et longueurs sont

-20°C | +70°C
TEMPERATURE RANGE

61 Meter
LENGTH

Water Hose - Corrugated Suction

Description - Corrugated rubber suction hose designed for light-duty water suction and discharge where high flexibility and easy bending are required.

Application

General water suction and delivery in agricultural systems, construction sites, mobile pump units, and applications needing extra hose flexibility.

Standard / Approval

TS EN ISO 4641

Flow Medium

Water

Working Pressure

3 Bar / 43.51 psi

Bursting Pressure

10 Bar / 145.03 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Vacuum	Weight
mm	inch	mm	inch	bar	psi	bar	psi	bar	gr/m
12,7	0.50	-	-	-	-	-	-	-	-
16	0.63	-	-	-	-	-	-	-	-
19	0.75	-	-	-	-	-	-	-	-
20	0.75	-	-	-	-	-	-	-	-
22	0.88	-	-	-	-	-	-	-	-
25,4	1.00	34	1.34	3	43.51	10	145.03	-0.63	680
28,5	1.13	36	1.42	3	43.51	10	145.03	-0.63	750
30	1.19	40	1.57	3	43.51	10	145.03	-0.63	935
32	1.25	42	1.65	3	43.51	10	145.03	-0.63	990
35	1.38	45	1.77	3	43.51	10	145.03	-0.63	1070
38	1.50	48	1.89	3	43.51	10	145.03	-0.63	1150
40	1.56	50	1.97	3	43.51	10	145.03	-0.63	1200
42	1.56	52	2.05	3	43.51	10	145.03	-0.63	1300
44,5	1.75	55	2.17	3	43.51	10	145.03	-0.63	1400
48	1.75	58	2.28	3	43.51	10	145.03	-0.63	1475
50,8	2.00	61	2.40	3	43.51	10	145.03	-0.63	1550
55	2.17	65	2.56	3	43.51	10	145.03	-0.63	1600
60	2.38	70	2.76	3	43.51	10	145.03	-0.63	1750
63,5	2.50	74	2.91	3	43.51	10	145.03	-0.63	1950
65	2.56	75	2.95	3	43.51	10	145.03	-0.63	2000
70	2.75	82	3.23	3	43.51	10	145.03	-0.63	2450
76	3.00	88	3.46	3	43.51	10	145.03	-0.63	2650
80	3.13	92	3.62	3	43.51	10	145.03	-0.63	2760
88,9	3.50	102	4.02	3	43.51	10	145.03	-0.63	3350
101,6	4.00	115	4.53	3	43.51	10	145.03	-0.63	3900
110	4.31	124	4.88	3	43.51	10	145.03	-0.63	4400
114	4.50	128	5.04	3	43.51	10	145.03	-0.63	4550

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%

Other colors are available against MOQ • Autres couleurs et longueurs sont

-15°C | +60°C
TEMPERATURE RANGE

61 Meter
LENGTH

Water Hose - Channelled and Wired

Description - Wire-reinforced rubber water hose with channelled outer structure, designed to maintain flexibility while preventing kinking under 10-bar operating pressure.

Application

Used in industrial water lines, machinery connections, construction sites, and applications requiring a flexible hose that resists collapsing or bending during operation.

Standard / Approval

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Flow Medium

Water

Working Pressure

10 Bar / 145.03 psi

Bursting Pressure

30 Bar / 435.11 psi





Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12,7	0.50	22	0.87	10	145.03	30	435.11	430
16	0.63	25	0.98	10	145.03	30	435.11	500
19	0.75	29	1.14	10	145.03	30	435.11	650
20	0.75	30	1.18	10	145.03	30	435.11	670
22	0.88	32	1.26	10	145.03	30	435.11	720
25,4	1.00	35	1.38	10	145.03	30	435.11	780
28,5	1.13	38	1.50	10	145.03	30	435.11	850
30	1.19	40	1.57	10	145.03	30	435.11	935
32	1.25	43	1.69	10	145.03	30	435.11	1100
35	1.38	46	1.81	10	145.03	30	435.11	1200
38	1.50	49	1.93	10	145.03	30	435.11	1300
40	1.56	51	2.01	10	145.03	30	435.11	1350
42	1.56	53	2.09	10	145.03	30	435.11	1450
44,5	1.75	56	2.20	10	145.03	30	435.11	1550
48	1.75	59	2.32	10	145.03	30	435.11	1700
50,8	2.00	63	2.48	10	145.03	30	435.11	1850
55	2.17	68	2.68	10	145.03	30	435.11	2150
60	2.38	73	2.87	10	145.03	30	435.11	2300
63,5	2.50	76	2.99	10	145.03	30	435.11	2350
65	2.56	80	3.15	10	145.03	30	435.11	2900
70	2.75	85	3.35	10	145.03	30	435.11	3100
76	3.00	91	3.58	10	145.03	30	435.11	3350
80	3.13	96	3.78	10	145.03	30	435.11	3750
88,9	3.50	105	4.13	10	145.03	30	435.11	4150
101,6	4.00	116	4.57	10	145.03	30	435.11	4200
110	4.31	126	4.96	10	145.03	30	435.11	5050
114	4.50	130	5.12	10	145.03	30	435.11	5250
127	5.00	146	5.75	10	145.03	30	435.11	7000

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

 
 -10°C | +70°C
 TEMPERATURE RANGE
 61 Meter
 LENGTH

Water Hose - Hot Water (Radiator)

Description - Rubber hose designed for hot-water circulation and radiator connections where continuous heat resistance is required.

Application

Used in heating systems, engine radiator lines, hot-water transfer loops, and general high-temperature water circulation tasks.

Standard / Approval

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Flow Medium

Water

Working Pressure

4 Bar / 58.01 psi

Bursting Pressure

12 Bar / 174.04 psi





Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12.70	0.50	19	0.75	4	58.01	12	174.04	210
16	0.63	22	0.87	4	58.01	12	174.04	240
19	0.75	25	0.98	4	58.01	12	174.04	280
20	0.75	26	1.02	4	58.01	12	174.04	300
22	0.88	28	1.10	4	58.01	12	174.04	330
25.4	1.00	32	1.26	4	58.01	12	174.04	400
28.5	1.13	34.5	1.36	4	58.01	12	174.04	440
30	1.19	36	1.42	4	58.01	12	174.04	500
32	1.25	40	1.57	4	58.01	12	174.04	610
35	1.38	43	1.69	4	58.01	12	174.04	670
38	1.50	47	1.85	4	58.01	12	174.04	815
40	1.56	50	1.97	4	58.01	12	174.04	960
42	1.56	52	2.05	4	58.01	12	174.04	980
44.5	1.75	54	2.13	4	58.01	12	174.04	1000
48	1.75	57	2.24	4	58.01	12	174.04	1040
50.8	2.00	60	2.36	4	58.01	12	174.04	1080
55	2.17	65	2.56	4	58.01	12	174.04	1270
60	2.38	70	2.76	4	58.01	12	174.04	1380
63.5	2.50	73.5	2.89	4	58.01	12	174.04	1460
65	2.56	75	2.95	4	58.01	12	174.04	1490
70	2.75	80	3.15	4	58.01	12	174.04	1600
76	3.00	86	3.39	4	58.01	12	174.04	1720
80	3.13	90	3.54	4	58.01	12	174.04	1800
88.9	3.50	100	3.94	4	58.01	12	174.04	2230
101.6	4.00	111.5	4.39	4	58.01	12	174.04	2250
110	4.31	120	4.72	4	58.01	12	174.04	2450
114	4.50	126	4.96	4	58.01	12	174.04	3060
127	5.00	140	5.51	4	58.01	12	174.04	3700

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%



• Other colors are available against MOQ • Autres couleurs et longueurs sont

 
 -40°C | 120°C
 TEMPERATURE RANGE
 61 Meter
 LENGTH

Water Hose - Heat Resistant (Radiator)

Description - Heat-resistant rubber hose designed for hot water circulation and radiator connections operating at 10 bar.

Application

Used in hot-water circulation systems, radiator lines, engine cooling systems, and installations requiring continuous heat-resistant water transfer.

Standard / Approval

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Flow Medium

Water

Working Pressure

10 Bar / 145.03 psi


Bursting Pressure



30 Bar / 435.11 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12.70	0.50	21	0.83	10	145.03	30	435.11	330
16	0.63	24	0.94	10	145.03	30	435.11	375
19	0.75	27	1.06	10	145.03	30	435.11	435
20	0.75	28	1.10	10	145.03	30	435.11	450
22	0.88	30	1.18	10	145.03	30	435.11	500
25.4	1.00	33	1.30	10	145.03	30	435.11	525
28.5	1.13	36	1.42	10	145.03	30	435.11	570
30	1.19	38	1.50	10	145.03	30	435.11	640
32	1.25	41	1.61	10	145.03	30	435.11	775
35	1.38	44	1.73	10	145.03	30	435.11	840
38	1.50	47	1.85	10	145.03	30	435.11	900
40	1.56	49	1.93	10	145.03	30	435.11	950
42	1.56	51	2.01	10	145.03	30	435.11	1025
44.5	1.75	53	2.09	10	145.03	30	435.11	1100
48	1.75	56	2.20	10	145.03	30	435.11	1150
50.8	2.00	60	2.36	10	145.03	30	435.11	1200
55	2.17	64	2.52	10	145.03	30	435.11	1260
60	2.38	70	2.76	10	145.03	30	435.11	1530
63.5	2.50	74	2.91	10	145.03	30	435.11	1700
65	2.56	75	2.95	10	145.03	30	435.11	1850
70	2.75	82	3.23	10	145.03	30	435.11	2150
76	3.00	88	3.46	10	145.03	30	435.11	2320
80	3.13	92	3.62	10	145.03	30	435.11	2430
88.9	3.50	102	4.02	10	145.03	30	435.11	2950
101.6	4.00	115	4.53	10	145.03	30	435.11	3420
110	4.31	123	4.84	10	145.03	30	435.11	3570
114	4.50	127	5.00	10	145.03	30	435.11	3700
127	5.00	140	5.51	10	145.03	30	435.11	4100

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%

 • Other colors are available against MOQ • Autres couleurs et longueurs sont

 
 -40°C | +150°C 61 Meter
 TEMPERATURE RANGE LENGTH

Water Hose - Industrial

Description - Rubber water hose in blue outer color, designed for 10-bar water delivery in industrial and utility applications.

Application

General-purpose industrial water lines, machinery water connections, and systems requiring color-coded hose identification.

Standard / Approval

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Flow Medium

Water

Working Pressure

10 Bar / 145.03 psi


Bursting Pressure



30 Bar / 435.11 psi



Internal Diameter		Outer Diameter		Maximum Working Pressure		Minimum Burst Pressure		Weight
mm	inch	mm	inch	bar	psi	bar	psi	gr/m
12.70	0.50	20	0.79	10	145.03	30	435.11	280
16	0.63	23	0.91	10	145.03	30	435.11	320
19	0.75	27	1.06	10	145.03	30	435.11	435
20	0.75	28	1.10	10	145.03	30	435.11	450
22	0.88	30	1.18	10	145.03	30	435.11	490
25.4	1.00	33	1.30	10	145.03	30	435.11	525
28.5	1.13	36	1.42	10	145.03	30	435.11	570
30	1.19	39	1.54	10	145.03	30	435.11	730
32	1.25	41	1.61	10	145.03	30	435.11	770
35	1.38	44	1.73	10	145.03	30	435.11	840
38	1.50	47	1.85	10	145.03	30	435.11	900
40	1.56	49	1.93	10	145.03	30	435.11	945
42	1.56	51	2.01	10	145.03	30	435.11	1022
44.5	1.75	54	2.13	10	145.03	30	435.11	1100
48	1.75	57	2.24	10	145.03	30	435.11	1150
50.8	2.00	60	2.36	10	145.03	30	435.11	1200
55	2.17	65	2.56	10	145.03	30	435.11	1400
60	2.38	70	2.76	10	145.03	30	435.11	1530
63.5	2.50	74	2.91	10	145.03	30	435.11	1700
65	2.56	77	3.03	10	145.03	30	435.11	2000
70	2.75	82	3.23	10	145.03	30	435.11	2150
76	3.00	88	3.46	10	145.03	30	435.11	2320
80	3.13	92	3.62	10	145.03	30	435.11	2430
88.9	3.50	102	4.02	10	145.03	30	435.11	2950
101.6	4.00	115	4.53	10	145.03	30	435.11	3420
110	4.31	124	4.88	10	145.03	30	435.11	3860
114	4.50	128	5.04	10	145.03	30	435.11	4000
127	5.00	144	5.67	10	145.03	30	435.11	5425

* Working and bursting pressure valid at 20°C
 ** Length tolerance +/- 5%
 *** Inner Diameter tolerance +/- 2%

 • Other colors are available against MOQ • Autres couleurs et longueurs sont

 
 -10°C | +70°C 61 Meter
 TEMPERATURE RANGE LENGTH