

Overview

TOTFLEX fuel hoses are rubber hoses designed for the transfer of gasoline, diesel, and fuel oil with up to 50% aromatic content, produced in 10-bar and 16-bar versions in delivery, suction-delivery, and corrugated/channeled constructions. All types are supplied in 61-meter lengths and offer consistent performance across a wide size range, with working pressure 10-16 bar and bursting pressure 30-48 bar.

Fuel Hose

Suction & Delivery Hose

Range for FUEL HOSES

01	Discharge 10 bar	24
02	Suction/Discharge 10 Bar	25
03	Sandblast Suction & Discharge ..	26
04	Corrugated / Channeled 10 Bar	27
05	Discharge 16 bar	28
06	Suction/Discharge 16Bar	29
07	Corrugated / Channeled 16Bar	30



Fuel Hose - Discharge 16 Bar

Description - Rubber fuel hose used for the transfer of gasoline, diesel and fuel oil where the aromatic content is up to 50%. It is produced for 10-bar working pressure and is suitable for continuous transfer duties in fuel handling systems.

Application

Used in fuel transfer operations where gasoline, diesel and fuel oil (aroma content 50%)

Standard / Approval

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Flow Medium

Gasoline, diesel, fuel oil (aroma content 50%).

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	20	0.79	10	145.03	30	435.11	250
16	0.63	24	0.94	10	145.03	30	435.11	325
19	0.75	28	1.10	10	145.03	30	435.11	430
20		30	1.18	10	145.03	30	435.11	510
22	0.88	32	1.26	10	145.03	30	435.11	550
25.4	1.00	35	1.38	10	145.03	30	435.11	600
28.5	1.13	38	1.50	10	145.03	30	435.11	650
30	1.19	40	1.57	10	145.03	30	435.11	715
32	1.25	42	1.65	10	145.03	30	435.11	750
35	1.38	45	1.77	10	145.03	30	435.11	820
38	1.50	48	1.89	10	145.03	30	435.11	880
40	1.56	50	1.97	10	145.03	30	435.11	920
42		53	2.09	10	145.03	30	435.11	1050
44.5	1.75	56	2.20	10	145.03	30	435.11	1180
48		59	2.32	10	145.03	30	435.11	1235
50.8	2.00	62	2.44	10	145.03	30	435.11	1290
55	2.17	66	2.60	10	145.03	30	435.11	1360
60	2.33	71	2.80	10	145.03	30	435.11	1500
63.5	2.50	75	2.95	10	145.03	30	435.11	1625
65	2.56	77	3.03	10	145.03	30	435.11	1740
70	2.75	82	3.23	10	145.03	30	435.11	1860
76	3.00	88	3.46	10	145.03	30	435.11	2010
80	3.13	92	3.62	10	145.03	30	435.11	2110
88.9	3.50	104	4.09	10	145.03	30	435.11	2980
101.6	4.00	116	4.57	10	145.03	30	435.11	3200
110	4.31	124	4.88	10	145.03	30	435.11	3350
114	4.50	128	5.04	10	145.03	30	435.11	3460
127	5.00	142	5.59	10	145.03	30	435.11	4120

* 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



Fuel Hose - Suction/Discharge 10 Bar

Description - Rubber fuel hose used for both suction and discharge of gasoline, diesel and fuel oil with aromatic content up to 50%. It is designed for 10-bar operation and provided in 61 m coils.

Application

Used in suction and transfer operations of gasoline, diesel and fuel oil

Standard / Approval

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Flow Medium

Gasoline, diesel, fuel oil (aroma content 50%)

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	25	0.98	10	145.03	30	435.11	435
19	0.75	29	1.14	10	145.03	30	435.11	565
20		30	1.18	10	145.03	30	435.11	590
22	0.88	32	1.26	10	145.03	30	435.11	635
25.4	1.00	36	1.42	10	145.03	30	435.11	770
28.5	1.13	40	1.57	10	145.03	30	435.11	930
30	1.19	42	1.65	10	145.03	30	435.11	950
32	1.25	43	1.69	10	145.03	30	435.11	970
35	1.38	46	1.81	10	145.03	30	435.11	1050
38	1.50	49	1.93	10	145.03	30	435.11	1130
40	1.56	52	2.05	10	145.03	30	435.11	1300
42		54	2.13	10	145.03	30	435.11	1400
44.5	1.75	57	2.24	10	145.03	30	435.11	1500
48		60	2.36	10	145.03	30	435.11	1570
50.8	2.00	63	2.48	10	145.03	30	435.11	1640
55	2.17	67	2.64	10	145.03	30	435.11	1725
60	2.33	72	2.83	10	145.03	30	435.11	1865
63.5	2.50	76	2.99	10	145.03	30	435.11	2055
65	2.56	78	3.07	10	145.03	30	435.11	2190
70	2.75	83	3.27	10	145.03	30	435.11	2350
76	3.00	89	3.50	10	145.03	30	435.11	2525
80	3.13	94	3.70	10	145.03	30	435.11	2870
88.9	3.50	105	4.13	10	145.03	30	435.11	3680
101.6	4.00	117	4.61	10	145.03	30	435.11	3965
110	4.31	126	4.96	10	145.03	30	435.11	4450
114	4.50	130	5.12	10	145.03	30	435.11	4600
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

-20°C | +70°C
TEMPERATURE RANGE

61 Meter
LENGTH

Fuel Hose - Corrugated/Channeled 10 Bar

Description - Rubber suction-discharge fuel hose with corrugated and channelled structure, used for transfer of gasoline, diesel and fuel oil with aromatic content up to 50%.

Application

Used in suction and transfer operations of gasoline, diesel and fuel oil

Standard / Approval

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Flow Medium

Gasoline, diesel, fuel oil (aroma content 50%)

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	25	0.98	10	145.03	30	435.11	435
19	0.75	29	1.14	10	145.03	30	435.11	565
20		30	1.18	10	145.03	30	435.11	590
22	0.88	32	1.26	10	145.03	30	435.11	635
25.4	1.00	36	1.42	10	145.03	30	435.11	770
28.5	1.13	40	1.57	10	145.03	30	435.11	930
30	1.19	42	1.65	10	145.03	30	435.11	950
32	1.25	43	1.69	10	145.03	30	435.11	970
35	1.38	46	1.81	10	145.03	30	435.11	1050
38	1.50	49	1.93	10	145.03	30	435.11	1130
40	1.56	52	2.05	10	145.03	30	435.11	1300
42		54	2.13	10	145.03	30	435.11	2050
44.5	1.75	57	2.24	10	145.03	30	435.11	1500
48		60	2.36	10	145.03	30	435.11	1570
50.8	2.00	63	2.48	10	145.03	30	435.11	1640
55	2.17	67	2.64	10	145.03	30	435.11	1725
60	2.33	72	2.83	10	145.03	30	435.11	1865
63.5	2.50	76	2.99	10	145.03	30	435.11	2055
65	2.56	78	3.07	10	145.03	30	435.11	2190
70	2.75	83	3.27	10	145.03	30	435.11	2350
76	3.00	89	3.50	10	145.03	30	435.11	2525
80	3.13	94	3.70	10	145.03	30	435.11	2870
88.9	3.50	105	4.13	10	145.03	30	435.11	3680
101.6	4.00	117	4.61	10	145.03	30	435.11	3965
110	4.31	126	4.96	10	145.03	30	435.11	4450
114	4.50	130	5.12	10	145.03	30	435.11	4600
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

-20°C | +80°C
TEMPERATURE RANGE

61 Meter
LENGTH

Fuel Hose - Discharge 16 Bar

Description - Rubber fuel hose used for transfer of gasoline, diesel and fuel oil where the aromatic content is up to 50%, produced for higher working pressure at 16 bar.

Application

Used in fuel transfer operations of gasoline, diesel and fuel oil (aroma content 50%) requiring 16 bar working pressure.

Standard / Approval

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Flow Medium

Gasoline, diesel, fuel oil (aroma content 50%).

Working Pressure

16 Bar / 232.06 psi

Bursting Pressure

48 Bar / 696.18 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	21.5	0.85	16	232.06	48	696.18	310
16	0.63	26	1.02	16	232.06	48	696.18	430
19	0.75	31	1.22	16	232.06	48	696.18	610
20		32	1.26	16	232.06	48	696.18	640
22	0.88	34	1.34	16	232.06	48	696.18	685
25,4	1.00	37	1.46	16	232.06	48	696.18	740
28.5	1.13	40	1.57	16	232.06	48	696.18	805
30	1.19	42	1.65	16	232.06	48	696.18	880
32	1.25	44	1.73	16	232.06	48	696.18	930
35	1.38	48	1.89	16	232.06	48	696.18	1100
38	1.50	51	2.01	16	232.06	48	696.18	1180
40	1.56	55	2.17	16	232.06	48	696.18	1455
42		57	2.24	16	232.06	48	696.18	1492
44,5	1.75	59	2.32	16	232.06	48	696.18	1530
48		63	2.48	16	232.06	48	696.18	1740
50,8	2.00	67	2.64	16	232.06	48	696.18	1950
55	2.17	71	2.80	16	232.06	48	696.18	2060
60	2.33	75	2.95	16	232.06	48	696.18	2070
63,5	2.50	79	3.11	16	232.06	48	696.18	2255
65	2.56	80	3.15	16	232.06	48	696.18	2385
70	2.75	86	3.39	16	232.06	48	696.18	2550
76	3.00	92	3.62	16	232.06	48	696.18	2750
80	3.13	96	3.78	16	232.06	48	696.18	2875
88.9	3.50	106	4.17	16	232.06	48	696.18	3410
101.6	4.00	118	4.65	16	232.06	48	696.18	3675
110	4.31	126	4.96	16	232.06	48	696.18	3855
114	4.50	130	5.12	16	232.06	48	696.18	4000
127	5.00	146	5.75	16	232.06	48	696.18	5300

* 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

Fuel Hose - Suction/Discharge 16 Bar

Description - Rubber fuel hose used for suction and discharge of gasoline, diesel and fuel oil with aromatic content up to 50%, in applications requiring 16 bar working pressure.

Application

Sandblasting feed & return lines, dual-direction plaster transfer, dry construction materials loading/unloading

Standard / Approval

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Flow Medium

Gasoline, diesel, fuel oil (aroma content 50%).

Working Pressure

16 Bar / 232.06 psi

Bursting Pressure

48 Bar / 696.18 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	31	1.22	16	232.06	48	696.18	710
20		32	1.26	16	232.06	48	696.18	735
22	0.88	34	1.34	16	232.06	48	696.18	790
25,4	1.00	37	1.46	16	232.06	48	696.18	850
28.5	1.13	40	1.57	16	232.06	48	696.18	930
30	1.19	42	1.65	16	232.06	48	696.18	1020
32	1.25	44	1.73	16	232.06	48	696.18	1070
35	1.38	48	1.89	16	232.06	48	696.18	1270
38	1.50	51	2.01	16	232.06	48	696.18	1365
40	1.56	55	2.17	16	232.06	48	696.18	1680
42		57	2.24	16	232.06	48	696.18	1725
44,5	1.75	59	2.32	16	232.06	48	696.18	1770
48		63	2.48	16	232.06	48	696.18	2010
50,8	2.00	67	2.64	16	232.06	48	696.18	2250
55	2.17	71	2.80	16	232.06	48	696.18	2375
60	2.33	76	2.99	16	232.06	48	696.18	2565
63,5	2.50	79	3.11	16	232.06	48	696.18	2600
65	2.56	82	3.23	16	232.06	48	696.18	2950
70	2.75	86	3.39	16	232.06	48	696.18	3150
76	3.00	92	3.62	16	232.06	48	696.18	3200
80	3.13	96	3.78	16	232.06	48	696.18	3320
88.9	3.50	108	4.25	16	232.06	48	696.18	3700
101.6	4.00	118	4.65	16	232.06	48	696.18	4250
110	4.31	128	5.04	16	232.06	48	696.18	5050
114	4.50	132	5.20	16	232.06	48	696.18	5220
127	5.00	148	5.83	16	232.06	48	696.18	6800

* 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

Fuel Hose - Corrugated/Channeled 10 Bar

Description - Rubber suction-discharge fuel hose with corrugated and channelled outer structure, used for transfer of gasoline, diesel and fuel oil with aromatic content up to 50% at 16 bar working pressure.

Application

Used in suction and transfer operations of gasoline, diesel and fuel oil (aroma content 50%) where a corrugated and channelled hose construction is required at 16 bar working pressure.

Standard / Approval

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Flow Medium

Gasoline, diesel, fuel oil (aroma content 50%).

Working Pressure

16 Bar / 232.06 psi

Bursting Pressure

48 Bar / 696.18 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	31	1.22	16	232.06	48	696.18	710
20		32	1.26	16	232.06	48	696.18	735
22	0.88	34	1.34	16	232.06	48	696.18	790
25,4	1.00	37	1.46	16	232.06	48	696.18	850
28,5	1.13	40	1.57	16	232.06	48	696.18	930
30	1.19	42	1.65	16	232.06	48	696.18	1020
32	1.25	44	1.73	16	232.06	48	696.18	1070
35	1.38	48	1.89	16	232.06	48	696.18	1270
38	1.50	51	2.01	16	232.06	48	696.18	1365
40	1.56	55	2.17	16	232.06	48	696.18	1680
42		57	2.24	16	232.06	48	696.18	1725
44,5	1.75	59	2.32	16	232.06	48	696.18	1770
48		63	2.48	16	232.06	48	696.18	2010
50,8	2.00	67	2.64	16	232.06	48	696.18	2250
55	2.17	71	2.80	16	232.06	48	696.18	2375
60	2.33	76	2.99	16	232.06	48	696.18	2565
63,5	2.50	79	3.11	16	232.06	48	696.18	2600
65	2.56	82	3.23	16	232.06	48	696.18	2950
70	2.75	86	3.39	16	232.06	48	696.18	3150
76	3.00	92	3.62	16	232.06	48	696.18	3200
80	3.13	96	3.78	16	232.06	48	696.18	3320
88,9	3.50	108	4.25	16	232.06	48	696.18	3700
101,6	4.00	118	4.65	16	232.06	48	696.18	4250
110	4.31	128	5.04	16	232.06	48	696.18	5050
114	4.50	132	5.20	16	232.06	48	696.18	5220
127	5.00	148	5.83	16	232.06	48	696.18	6800


* 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

Fuel Hose

Suction & Delivery Hose

