

## Overview

TOTFLEX air hoses are rubber compressed-air hoses manufactured according to TS EN ISO 2398 Type 1-2-3 Class A for supplying compressed air to tools and equipment in industrial, mining, tunnel and construction applications, with working pressures between 10-25 bar and burst pressures between 40-100 bar. In addition, the range includes dust and air suction hoses for vacuuming cold/hot air, dust, smoke, chips and particles with -0.60 bar vacuum rating, all supplied in 61 m lengths.



### Range for Air Hoses

# Air Hose

## Suction & Delivery Hose

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## Air Hose - Light Service

**Description** - Rubber air hose designed for use with air-operated tools and for discharging compressed air, supplied in 61 m lengths.

### Application

Used with pneumatic tools and for compressed air exhaust / discharge lines.

### Standard / Approval

TS EN ISO 2398 Type 1, Class A

### Flow Medium

Compressed air.


### Working Pressure


10 Bar / 145.03 psi

### Bursting Pressure

40 Bar / 580.15 psi



 -20°C | +60°C  
TEMPERATURE RANGE

 61 Meter  
LENGTH



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	40	580.15	330
16	0.63	25	0.98	10	145.03	40	580.15	380
19	0.75	29	1.14	10	145.03	40	580.15	490
20		30	1.18	10	145.03	40	580.15	510
22	0.88	32	1.26	10	145.03	40	580.15	550
25.4	1.00	36	1.42	10	145.03	40	580.15	670
28.5	1.13	39	1.54	10	145.03	40	580.15	730
30	1.19	40	1.57	10	145.03	40	580.15	870
32	1.25	44	1.73	10	145.03	40	580.15	930
35	1.38	48	1.89	10	145.03	40	580.15	1100
38	1.50	51	2.01	10	145.03	40	580.15	1180
40	1.56	53	2.09	10	145.03	40	580.15	1240
42		55	2.17	10	145.03	40	580.15	1272
44.5	1.75	57	2.24	10	145.03	40	580.15	1305
48		60	2.36	10	145.03	40	580.15	1362
50.8	2.00	63	2.48	10	145.03	40	580.15	1420
55	2.17	68	2.68	10	145.03	40	580.15	1640
60	2.33	75	2.95	10	145.03	40	580.15	2080
63.5	2.50	78	3.07	10	145.03	40	580.15	2110
65	2.56	81	3.19	10	145.03	40	580.15	2230
70	2.75	84	3.31	10	145.03	40	580.15	2380
76	3.00	92	3.62	10	145.03	40	580.15	2750
80	3.13	96	3.78	10	145.03	40	580.15	2900
88.9	3.50	105	4.13	10	145.03	40	580.15	3200
101.6	4.00	117	4.61	10	145.03	40	580.15	3450
110	4.31	126	4.96	10	145.03	40	580.15	3900
114	4.50	130	5.12	10	145.03	40	580.15	4000
127	5.00	146	5.75	10	145.03	40	580.15	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

## Air Hose - Normal Service

**Description** - Rubber hose used for the transfer of compressed air, especially in mining operations, produced in 61 m lengths.

### Application

Used for compressed air transfer lines and in underground mining environments.

### Standard / Approval

TS EN ISO 2398 Type 2, Class A

### Flow Medium

Compressed air.

### Working Pressure

16 Bar / 232.06 psi

### Bursting Pressure

64 Bar / 928.24 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	16	232.06	64	928.24	330
16	0.63	25	0.98	16	232.06	64	928.24	380
19	0.75	29	1.14	16	232.06	64	928.24	490
20		30	1.18	16	232.06	64	928.24	510
22	0.88	32	1.26	16	232.06	64	928.24	550
25.4	1.00	36	1.42	16	232.06	64	928.24	670
28.5	1.13	40	1.57	16	232.06	64	928.24	800
30	1.19	42	1.65	16	232.06	64	928.24	880
32	1.25	44	1.73	16	232.06	64	928.24	930
35	1.38	47	1.85	16	232.06	64	928.24	1000
38	1.50	51	2.01	16	232.06	64	928.24	1180
40	1.56	53	2.09	16	232.06	64	928.24	1240
42		56	2.20	16	232.06	64	928.24	1445
44.5	1.75	60	2.36	16	232.06	64	928.24	1650
48		62	2.44	16	232.06	64	928.24	1665
50.8	2.00	65	2.56	16	232.06	64	928.24	1680
55	2.17	70	2.76	16	232.06	64	928.24	1920
60	2.33	75	2.95	16	232.06	64	928.24	2070
63.5	2.50	80	3.15	16	232.06	64	928.24	2420
65	2.56	80	3.15	16	232.06	64	928.24	2550
70	2.75	85	3.35	16	232.06	64	928.24	2650
76	3.00	92	3.62	16	232.06	64	928.24	2750
80	3.13	96	3.78	16	232.06	64	928.24	2880
88.9	3.50	105	4.13	16	232.06	64	928.24	3200
101.6	4.00	118	4.65	16	232.06	64	928.24	3675
110	4.31	126	4.96	16	232.06	64	928.24	4400
114	4.50	130	5.12	16	232.06	64	928.24	4500
127	5.00	146	5.75	16	232.06	64	928.24	5900

\* 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

## Air Hose - Heavy Duty

**Description** - Heavy-duty rubber air hose for compressed air transfer in demanding conditions such as mines and construction sites, supplied in 61 m lengths.

### Application

Used for heavy-duty compressed air transfer in mining and construction applications.

### Standard / Approval

TS EN ISO 2398 Type 3, Class A

### Flow Medium

Compressed air.

### Working Pressure

25 Bar / 362.59 psi

### Bursting Pressure

100 Bar / 1450.38 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	23	0.91	25	362.59	100	1450.38	375
16	0.63	26	1.02	25	362.59	100	1450.38	430
19	0.75	30	1.18	25	362.59	100	1450.38	550
20		32	1.26	25	362.59	100	1450.38	640
22	0.88	34	1.34	25	362.59	100	1450.38	685
25.4	1.00	37	1.46	25	362.59	100	1450.38	740
28.5	1.13	40	1.57	25	362.59	100	1450.38	805
30	1.19	42	1.65	25	362.59	100	1450.38	880
32	1.25	44	1.73	25	362.59	100	1450.38	930
35	1.38	48	1.89	25	362.59	100	1450.38	1100
38	1.50	51	2.01	25	362.59	100	1450.38	1180
40	1.56	55	2.17	25	362.59	100	1450.38	1455
42		57	2.24	25	362.59	100	1450.38	1555
44.5	1.75	60	2.36	25	362.59	100	1450.38	1655
48		63	2.48	25	362.59	100	1450.38	1735
50.8	2.00	66	2.60	25	362.59	100	1450.38	1815
55	2.17	70	2.76	25	362.59	100	1450.38	1915
60	2.33	76	2.99	25	362.59	100	1450.38	2220
63.5	2.50	80	3.15	25	362.59	100	1450.38	2420
65	2.56	82	3.23	25	362.59	100	1450.38	2550
70	2.75	86	3.39	25	362.59	100	1450.38	2725
76	3.00	92	3.62	25	362.59	100	1450.38	2750
80	3.13	96	3.78	25	362.59	100	1450.38	2880
88.9	3.50	105	4.13	25	362.59	100	1450.38	3200
101.6	4.00	118	4.65	25	362.59	100	1450.38	3675
110	4.31	128	5.04	25	362.59	100	1450.38	4400
114	4.50	132	5.20	25	362.59	100	1450.38	4500
127	5.00	146	5.75	25	362.59	100	1450.38	5900

\* 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

# Air Hose - Dust and Air Suction

**Description** - Rubber hose produced for vacuum and discharge of cold and hot air, dust, smoke, chips, crumbs and particles, supplied in 61 m lengths.

## Application

Used in suction and discharge systems for ventilation and extraction of air, dust, fumes, chips and other light particles.

## Standard / Approval

### Flow Medium

Cold and hot air, dust, smoke, chips, crumbs and particles.

## Working Pressure

## Bursting Pressure



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	-	-	-	-	-	-	-	-	-
22	0.88	-	-	-	-	-	-	-	-
25,4	1.00	32	1.26	-	-	-	-	-0.60	475
28,5	1.13	34	1.34	-	-	-	-	-0.60	520
30	1.19	36	1.42	-	-	-	-	-0.60	590
32	1.25	39	1.54	-	-	-	-	-0.60	625
35	1.38	42	1.65	-	-	-	-	-0.60	680
38	1.50	45	1.77	-	-	-	-	-0.60	730
40	1.56	47	1.85	-	-	-	-	-0.60	770
42	1.65	49	1.93	-	-	-	-	-0.60	840
44,5	1.75	52	2.05	-	-	-	-	-0.60	910
48	1.89	55	2.17	-	-	-	-	-0.60	947
50,8	2.00	58	2.28	-	-	-	-	-0.60	985
55	2.17	63	2.48	-	-	-	-	-0.60	1200
60	2.33	68	2.68	-	-	-	-	-0.60	1300
63,5	2.50	72	2.83	-	-	-	-	-0.60	1450
65	2.56	74	2.91	-	-	-	-	-0.60	1575
70	2.75	78	3.07	-	-	-	-	-0.60	1500
76	3.00	84.50	3.33	-	-	-	-	-0.60	1715
80	3.13	88	3.46	-	-	-	-	-0.60	1900
88,9	3.50	98	3.86	-	-	-	-	-0.60	2150
101,6	4.00	110	4.33	-	-	-	-	-0.60	2250
110	4.31	118	4.65	-	-	-	-	-0.60	2300
114	4.50	122	4.80	-	-	-	-	-0.60	2400
127	5.00	135	5.31	-	-	-	-	-0.60	2650
146	5.75	154	6.06	-	-	-	-	-0.60	3300

\* 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

# Air Hose

## Suction & Delivery Hose

