



# AIR HOSE

Contractor Air & Water Hose  
Yellow Steel Wire Hose  
Jackhammer Air Compressor Hose  
Lay flat Compressed Air Hose



**MAGNIFAX** 

Tel: (647) 622-2445

sales@magnifax.ca

www.magnifax.ca

## AIR HOSE

### High Pressure Lay Flat Compressed Air Hose

#### Features:

- Light, yet rugged and hard-wearing hose.
- The low weight, combined with a high-pressure rating, makes the hose popular and easy to use.
- The hose does not stretch when pulled and has a very high-pressure rating versus wall thickness.
- Excellent abrasion resistance.
- Double Jacket hose with TPU outer layer / Inner layer

#### Design:

- Double jacket hose solution ensuring high burst pressure, puncture resistance and flexibility
- High tensile polyester weaves covered and lined with an ultimate abrasion- and oil resistant Thermoplastic polyurethane (TPU).
- Field proven hose with long track record.
- Lengths up to 131 feet (40m).
- **High working pressure 633psi and nominal burst pressure 2535psi for 2"**.
- High flexibility.
- Easy handling – low weight compared to conventional hose.
- **High operating pressure and temperature Max. 110°C / +230°F.**



PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight	
	Inch	mm	ft/m	ft/m	x1000 lbs	Tons	PSI	Bar	lbs./Ft	Kg/m
OLMH-200-633	2	51	0.17	4.4	31.7	14.3	2535	175	0.55	0.82
OLMH-300-435	3	76	0.18	4.5	46.6	21.0	1740	120	0.83	1.24



NOTE: MINIMUM SAFETY FACTOR BP/WP IS 4:1 (25%) FOR COMPRESSED AIR (ISO 7751:1991)  
COUPLING 2" DESIGNED AND APPROVED BY ATLAS COPCO.

Whip check cable recommended for safety



## AIR HOSE

### Contractor Air & Water Hose 300psi

#### Application:

Mandrel built heavy duty air and water hose for compressors, drilling equipment and standard pneumatics.

#### Tube:

Black smooth rubber.

#### Reinforcement:

High tensile textile plies.

#### Cover:

Yellow, smooth surface,

#### Working Pressure:

300 PSI, 20 bar

#### Nominal Burst Pressure:

900 PSI, 60 bar






#### Temperature:

-31°F/+176°F (-35°C /+80°C)

#### Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYW-050-300	1/2	13	0.91	23	0.24	0.36	200/61
CAYW-0625-300	5/8	16	1.02	26	0.28	0.41	200/61
CAYW-075-300	3/4	19	1.18	30	0.34	0.51	200/61
CAYW-100-300	1	25	1.46	37	0.48	0.72	200/61
CAYW-125-300	1¼	32	1.73	44	0.58	0.86	200/61
CAYW-150-300	1½	38	2.01	51	0.75	1.11	200/61
CAYW-200-300	2	51	2.6	66	1.16	1.72	200/61
CAYW-250-300	2½	63	3.11	79	1.49	2.21	200/61
CAYW-300-300	3	76	3.62	92	1.67	2.49	200/61
CAYW-400-300	4	102	4.65	118	2.18	3.25	200/61



## AIR HOSE

Contractor Extra Pressure Air & Water Hose 400psi

### Application:

Mandrel built heavy duty air and water hose for compressors, drilling equipment and standard pneumatic machines.

### Tube:

Black smooth rubber.

### Reinforcement:

High tensile textile plies.

### Cover:

Yellow, smooth surface, fabric impression, weather and abrasion resistant.

### Working Pressure:

400 PSI, 25 bar

### Nominal Burst Pressure:

1200 PSI, 75 bar

### Temperature:

-31°F/+176°F (-35°C /+80°C)

### Marking:

iPARAGON



PART NO.	Inner Diameter		Outside Diameter		Weight		Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYW-050-400	1/2	13	0.91	23	0.24	0.36	200/61
CAYW-0625-400	5/8	16	1.02	26	0.28	0.41	200/61
CAYW-075-400	3/4	19	1.18	30	0.34	0.51	200/61
CAYW-100-400	1	25	1.50	38	0.48	0.72	200/61
CAYW-125-400	1¼	32	1.81	46	0.58	0.86	200/61
CAYW-150-400	1½	38	2.05	52	0.75	1.11	200/61
CAYW-200-400	2	51	2.6	66	1.16	1.72	200/61
CAYW-250-400	2½	63	3.11	79	1.49	2.21	200/61
CAYW-300-400	3	76	3.70	94	1.67	2.49	200/61
CAYW-400-400	4	102	4.72	120	2.18	3.25	200/61

## AIR HOSE

### Yellow Steel Wire Hose

#### Application:

Mandrel built high pressure steel wire reinforced air hose. Heavy duty, and suitable for mining, rock drilling and oil industries.

#### Temperature:

-40°F/+248°F (-40°C /+120°C)

#### Marking:

 PARAGON

#### Tube:

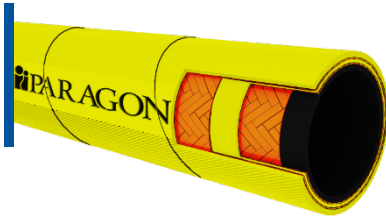
Black Nitrile rubber blended for oil mist.

#### Reinforcement:

High strength steel wire reinforced.

#### Cover:

Yellow, smooth surface, fabric impression, weather and abrasion resistant.



PART NO.	ID		OD		Pressure		Min. b. r.		Max. L
	Inch	mm	Inch	mm	Working Psi	Burst Psi	Inch	mm	ft/m
YSAH-150-600	1 ½"	38	1.93	49	600	1800	18	457	200/61
YSAH-200-600	2	51	2.6	64	600	1800	22	561	200/61
YSAH-300-525	3	76	3.66	93	525	1575	33.1	840	200/61
YSAH-400-450	4	102	4.72	120	450	1350	44	1120	200/61



# AIR HOSE

## Jackhammer Air Compressor Hose

**Application:**

This hose is specially designed for jack hammer and contractor use, also used for wash down in construction.

**Tube:**

Black, oil-mist resistance smooth rubber.

**Reinforcement:**

High tensile synthetic textile plies.

**Cover:**

Yellow, smooth rubber, weather and abrasion resistant.

**Working Pressure:**

300 PSI, 20 bar

**Nominal Burst Pressure:**

900 PSI, 60 bar

**Temperature:**

-31°F/+176°F (-35°C /+80°C)

**Marking:**

PARAGON



PART NO.	Inner Diameter		Outside Diameter		Weight		Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYS-050-300	1/2	13	0.88	22	0.22	0.33	50
CAYS-075-300	3/4	19	1.15	29	0.37	0.55	50/100
CAYS-100-300	1	25	1.42	36	0.50	0.74	50/100



PART NO.	Inner Diameter		Outside Diameter		Weight		Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYS-075-300-50'-UC	3/4	19	1.15	29	0.37	0.55	50/100
CAYS-100-300-50'-UC	1	25	1.42	36	0.50	0.74	50/100



**AIR HOSE**  
**High Temp. Compressed Air Hose – Steel Braided**

**Application:**

High pressure steel wire braided compressed air hose used for heavy duty mine and quarry applications where maximum safety is a requirement. High durability is one of the main features.

**Tube:**

Black synthetic oil mist and high temperature resistant rubber.

**Reinforcement:**

Two high strength steel wire reinforced.

**Cover:**

Blue EPDM, ozone and abrasion resistant.

**Working Pressure:**

90 bar, 1300psi.

**Nominal Burst Pressure:**

Safety factor 4:1  
 360 bar, 5200psi.







**Temperature:**

-40°F/+300°F (-40°C /+150°C) with peaks of 232°C (450°F)

**Marking:**

 PARAGON



 PART NO.	 ID		 OD		 Weight		 Min. b. r.	 Max. L
	Inch	mm	Inch	mm	lbs./FT	Kg/m	Inch	Ft/m
BHAH-200-1300	2	51	2.64	67	1.93	2.88	24.8	100/30

## AIR HOSE

### Yellow Lay flat Air Hose

#### Application:

Agriculture Irrigation	Air Compressors
Cable covering	Dry material discharge
Drainage, watering	High pressure liquid pumping
Mining and dewatering	Flotation booms

#### Tube:

Yellow PVC/Nitrile material with a good abrasion, chemical and UV resistance.

#### Reinforcement:

High tensile polyester yarn, weave pattern to avoid kinking and snaking.

#### Cover:

Yellow

#### Working Pressure:

Varies by sizes from 300 to 85 PSI.

#### Nominal Burst Pressure:

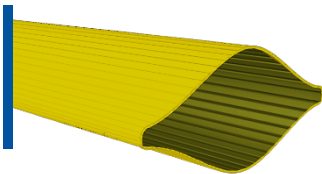
Safety factor 3:1

#### Temperature:

-20°F/+176°F (-29°C /+80°C)

#### Marking:

 PARAGON



PART NO.	ID		OD		Pressure		Weight		Max. L
	Inch	mm	Inch	mm	working Psi	Burst Psi	lbs./Ft	Kg/m	ft/m
YFAH-075-300 *	¾	19	0.08	2.0	300	900	0.23	0.34	300/100
YFAH-100-300 *	1	25	0.08	2.0	300	900	0.32	0.48	300/100
YFAH-150-225 *	1½	38	0.11	2.8	255	765	0.41	0.61	300/100
YFAH-200-200 *	2	51	0.12	3.0	200	600	0.52	0.77	300/100
YFAH-300-150	3	76	0.12	3.0	150	450	0.76	1.13	300/100
YFAH-400-150	4	102	0.12	3.0	150	450	1.21	1.80	300/100
YFAH-600-85	6	152	0.16	4.1	85	255	1.62	2.41	300/100

\*Longer length available on request

Available with universal coupling on request.

