

IRP's CHALLENGER PRODUCTS

Premium Performance, Economical Prices

Challenger Coil-MAXX Polyurethane Self-Retracting Air Hose

Application:

For assembly line air tools, work stations, and automotive repair.

Construction:

Blue polyurethane, lightweight, highly abrasion resistant, and non-marking. Excellent memory, flexibility, and kink resistance. Each length has 4" and 20" pigtails.

Packaging - Poly bag labelled with ID and length

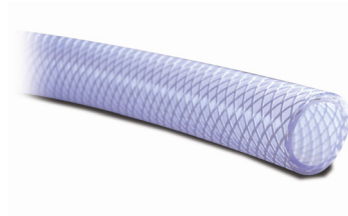
Fittings - Brass swivel fittings, complete with non-marking bend restrictors

Temperature Range: -18°C to +85°C (0°F to +185°F)



Part No.	I.D. (Inches)	O.D. (Inches)	Max W.P. (PSI)	Extended Length (Ft.)
CHAL-PU-.25-10	1/4	0.354	125	10
CHAL-PU-.25-15	1/4	0.354	125	15
CHAL-PU-.25-25	1/4	0.354	125	25
CHAL-PU-.25-50	1/4	0.354	125	50

Challenger Clear Reinforced PVC Hose



Application:

An industrial grade clear reinforced PVC hose designed for various air and water applications. The transparent construction allows for visual detection of blockages and flow. Made from FDA approved ingredients.

Construction:

Clear smooth PVC tube and cover reinforced with a high tensile synthetic braid.

Temperature Range: -4°C to +65°C (+25°F to +150°F)

Part No.	I.D. (Inches)	O.D. (Inches)	Max W.P. (PSI)	Approx. Wt. Per Ft. (lbs.)	Standard Lengths
CHAL-CRF-.25	1/4	0.437	225	0.06	300 ft. coils
CHAL-CRF-.375	3/8	0.59	225	0.09	300 ft. coils/500 ft. reels
CHAL-CRF-.5	1/2	0.75	150	0.13	300 ft. coils
CHAL-CRF-.75	3/4	1.02	150	0.22	300 ft. coils
CHAL-CRF-1	1	1.3	115	0.3	200 ft. coils
CHAL-CRF-1.25	1-1/4	1.615	150	0.45	100 ft. coils
CHAL-CRF-1.5	1-1/4	1.968	150	0.65	100 ft. coils
CHAL-CRF-2	2	2.441	150	0.86	100 ft. coils



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Challenger EPDM General Service Hose

Application:

An economical EPDM multi purpose hose used in a wide range of air, water, and light agricultural chemical applications. Challenger General Service hose is used in construction, marine, agricultural, and industrial applications.

Construction:

Black EPDM blended rubber tube, reinforced with polyester yarn, and covered with a smooth, red, abrasion resistant EPDM rubber blend.

Temperature Range: -20°C to +93°C (-4°F to +200°F)



Part No.	I.D. (Inches)	O.D. (Inches)	Max W.P. (PSI)	Approx. Wt. Per Ft. (lbs.)	Standard Lengths
CHAL-.25-250	1/4	0.51	250	0.11	25 ft. multiples/500 ft. reels
CHAL-.375-250	3/8	0.67	250	0.16	25 ft. multiples/500 ft. reels
CHAL-.5-250	1/2	0.83	250	0.23	25 ft. multiples/500 ft. reels
CHAL-.75-250	3/4	1.14	250	0.4	25 ft. multiples/500 ft. reels
CHAL-1-200	1	1.4	200	0.53	25 ft. multiples/500 ft. reels

Challenger Air Hose Assemblies



Application:

General air tool service.

Construction:

Black EPDM blended rubber tube, reinforced with polyester yarn, and covered with a smooth, red, abrasion resistant EPDM rubber blend.

Temperature Range: -20°C to +93°C (-4°F to +200°F)

Part No.	Size
CHAL-.25X.25-MM-25	1/4" x 25 ft.
CHAL-.25X.25-MM-50	1/4" x 50 ft.
CHAL-.25X.25-MM-100	1/4" x 100 ft.
CHAL-.375X.25-MM-25	3/8" x 25 ft.
CHAL-.375X.25-MM-50	3/8" x 50 ft.
CHAL-.375X.25-MM-100	3/8" x 100 ft.
CHAL-.5X.5-MM-25	1/2" x 25 ft.
CHAL-.5X.5-MM-50	1/2" x 50 ft.
CHAL-.5X.5-MM-100	1/2" x 100 ft.

Assembly comes complete with male NPT brass fittings attached each end.

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Challenger Water Discharge Hose

Application:

An economical water discharge hose used in a wide range of water applications. Due to Challenger's rubber construction, this hose is flexible and lightweight for ease of use.

Construction:

A black blended rubber tube, reinforced with high tensile synthetic yarn, and covered with smooth black, abrasion resistant rubber.

Temperature Range: -20°C to +82°C (-4°F to +180°F)



Part No.	I.D. (Inches)	O.D. (Inches)	Max W.P. (PSI)	Approx. Wt. Per Ft. (lbs.)	Standard Lengths
CHAL-BLK-.5-150	1/2	0.83	150	0.26	25 ft. multiples/500 ft. reels
CHAL-BLK-.625-150	5/8	0.94	150	0.33	25 ft. multiples/500 ft. reels
CHAL-BLK-.75-150	3/4	1.14	150	0.44	25 ft. multiples/500 ft. reels
CHAL-BLK-1-150	1	1.4	150	0.55	25 ft. multiples/500 ft. reels

Challenger Garden MAXX



Application:

Garden MAXX is a heavy duty rubber garden hose designed for demanding water service applications. Lengths are coupled with male x female GHT solid brass fittings.

Construction:

A black blended rubber tube, reinforced with high tensile synthetic yarn, and covered with smooth black, abrasion resistant rubber.

Temperature Range: -20°C to +82°C (-4°F to +180°F)

Part No.	I.D. (Inches)	O.D. (Inches)	Max W.P. (PSI)	Standard Lengths (ft.)
CHAL-GH-.5-25	1/2	0.354	150	25
CHAL-GH-.5-50	1/2	0.354	150	50
CHAL-GH-.5-100	1/2	0.354	150	100



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Challenger PVC Suction Hose

Application:

An economical PVC suction hose for dewatering, agricultural, septic, and marine applications. This lightweight flexible hose has a blue helix combined with a clear PVC that allows any products being transferred to be viewed.

Construction:

A smooth, clear PVC tube reinforced with a blue PVC helix, and covered with weather and abrasion resistant, clear PVC.

Temperature Range: -20°C to +70°C (-4°F to +158°F)



Part No.	I.D. (Inches)	O.D. (Inches)	Max W.P. (PSI)	Approx. Wt. Per Ft. (lbs.)	Standard Lengths
PVCSDB-1.5	1-1/2	1.83	65	0.38	100 ft. cut to multiples of 5 ft.
PVCSDB-2	2	2.31	60	0.56	100 ft. cut to multiples of 5 ft.
PVCSDB-2.5	2-1/2	2.81	60	0.67	100 ft. cut to multiples of 5 ft.
PVCSDB-3	3	3.33	60	0.99	100 ft. cut to multiples of 5 ft.

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Challenger Products - Water