

# 4 Air and Water Transfer Hose

## Air and Water Transfer Hose

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## Air and Water Transfer Hose

# 3630 General Purpose Air and Water Hose



### Features

- Temperature Range: -10°F to 150°F (-23°C to 66°C) or to 130°F (54°C), With 390C Brass Couplings
- Standard Bold Colors: Gray, Red, Blue, Yellow, or Black
- Excellent Abrasion and Impact Resistance
- Lightweight
- 4:1 Burst to Working Pressure Safety Factor
- Long Life Over Rubber Hoses

### Applications

- Air Power Tools (Impact Tools, Nail Guns, Stapler Guns, Tire Inflation)
- Pneumatic Motion Control
- Industrial Water Supply Lines

### Construction

- Perforated PVC Cover
- Spiralled Synthetic Fiber Reinforcement
- PVC Core Tube

Part Number	Nominal I.D.		Maximum O.D.		Minimum Bend Radius		Recommended Working Pressure				Weight	
	in	mm	in	mm	in	mm	@70°F (21°C)		@150°F (66°C)		lbs/100 ft	kg/100 m
							psi	bar	psi	bar		
3630-03	3/16	4.8	.397	10.1	7/16	11	300	20	250	17	4.5	6.7
3630-04	1/4	6.4	.488	12.4	5/8	16	300	20	250	17	6.3	9.4
3630-05	5/16	7.9	.548	13.9	3/4	19	300	20	250	17	7.9	11.8
3630-06	3/8	9.5	.637	16.2	7/8	22	300	20	250	17	9.7	14.4
3630-08	1/2	12.7	.792	20.1	1-1/4	32	300	20	250	17	13.6	20.2
3630-12	3/4	19.1	1.095	27.8	2-1/2	64	300	20	250	17	22.9	34.1
3630-16	1	25.4	1.391	35.3	3-1/2	89	250	17	250	17	31.4	46.7

Hose I.D. (in)	Permanent Steel		Brass Couplings			
	Coupling Series*	Swage Die	Coupling Series**	Brass Ferrules	Swage Die	Crimp Die
3/16	3903/7903	4540-303	390C	3981-30220	4540-00001	4548-03750
1/4	3903/7903	4540-304	390C	3981-30320	4540-00002	4548-05000
5/16	3903/7903	4540-305	—	—	4540-00003	—
3/8	3903/7903	4540-306	390C	3981-19120	—	4548-06000
1/2	3903/7903	4540-308	390C	3981-30420	—	4548-07500
3/4	3903/7903	4540-312	390C	3981-30520	—	***
1	390H-16	4540-B16	—	—	—	—

\* Steel Couplings Shown on Pages 7.3-7.25. For Stainless Steel and Monel Coupling Availability, See Hose Coupling Selection Chart on Page 7.1

\*\* Brass Couplings Shown on Page 7.26

\*\*\* Crimp Specification For -12, 3/4" I.D. Hose: Use a power crimper with a flat crimp die that will have a minimum gap between dies when crimped to 1.005+ .010

# 34PW Pure Water Hose



SYN FLEX® 34PW

## Features

- Made with NSF, FDA approved materials
- Temperature Range: -10°F to 150°F (-23°C to 66°C)
- Core Tube is Free of Plasticizers
- Prevents Moisture Transmission, Extraction of Contaminates
- Approved by U.S. Navy for Pure Water Applications (MIL-STD-767A Ships)
- Long Lengths Available

## Applications

- Pure Water Transfer
- Deionized Water
- Distilled Water
- Potable Water
- Food Products

## Construction

- Non-Perforated Blue Polyurethane Cover
- Synthetic Fiber Reinforcement
- Polyolefin Core Tube

Part Number	Nominal I.D.		Maximum O.D.		Minimum Bend Radius		Recommended Working Pressure		Minimum Burst Pressure		Weight		Swage Die Part No. 4540	Permanent Coupling Series
	in	mm	in	mm	in	mm	psi	bar	psi	bar	lbs/100 ft	kg/100 m		
34PW-04	1/4	6.4	.520	13.2	1-1/4	32	2,750	190	11,000	758	6.4	9.6	304	390A
34PW-06	3/8	9.5	.655	16.6	2	51	2,250	155	9,000	620	9.0	13.4	306	390A
34PW-08	1/2	12.7	.812	20.6	3	76	2,000	138	8,000	552	16.2	24.4	308	390A
34PW-12	3/4	19	1.140	29.0	5	127	1,500	103	6,000	414	24.8	36.9	H12	390L
34PW-16	1	25.4	1.455	37.0	8	203	1,500	103	6,000	414	37.3	55.6	B1600-001	390L

Note: Always Use Accepted Cleaning Practices to Clean Finished Hose Assembly Before Use.