



Series A1141/A1144/A1146/A1147/A1148 —  
Special purpose PVC/polyurethane alloy air hose

**ALLOY  
JACKET**

**Construction:**

- Tube — Grey PVC/polyurethane alloy
- Reinforcement — High tensile strength yarn
- Cover — PVC/polyurethane alloy, available in five colors: A1141 – yellow, A1144 – red, A1146 – blue, A1147 – green and A1148 – grey

**Features:**

- Grey core tube has excellent cut resistance . . . complies with RMA's Class A designation for high oil resistance
- Highly abrasion-resistant alloy jacket
- Smooth, non-marking pin-pricked cover
- Good flexibility over a wide temperature range
- Good fitting retention at elevated temperatures
- Silicone-free
- One-piece lengths

**Applications:**

- Transfer of air and water
- Ideal for applications in rugged or higher temperature environments
- Induction welding tubing lines
- Injection molding coolant lines
- Transfer of deionized water
- Transfer of transmission and power steering fluids
- Lubrication/air drop lines
- Robotic and pneumatic air lines
- Automotive assembly line air hoses

**Note:** Not recommended for transfer of brake fluids.

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

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Standard Stock Colors			Size Code	Nominal ID		Nominal OD		Maximum Working† Pressure (PSI)		Standard Length Reels	Approx. Weight per Pkg.
A1144 Red	A1141 Yellow A1146 Blue A1148 Grey	A1147 Green		(In)	(mm)	(In)	(mm)	@70°F (20°C)	@122°F (50°C)		
✓	✓		04	1/4	6.5	.460	11.7	300	200	500 ft.	37 lbs.
✓	✓		05	5/16	8.0	.520	13.2	300	200	500 ft.	44 lbs.
✓	✓	✓	06	3/8	9.5	.625	15.9	300	200	500 ft.	67 lbs.
✓	✓		08	1/2	12.7	.770	19.6	300	200	500 ft.	88 lbs.
✓	✓		10	5/8	15.9	.969	24.6	300	175	300 ft.	76 lbs.
✓	✓		12	3/4	19.0	1.060	26.9	300	150	300 ft.	79 lbs.

† **Note:** Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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