

Kuri Tec®

A1141, A1144, A1146, A1148 Series

Special Purpose PVC/ Polyurethane Air Hose



**Phthalate
FREE**

REINFORCED AIR & WATER HOSES

This special blended hose is ideal for general air and water applications that need to operate at higher temperatures than traditional PVC hoses.

Construction:

- Tube — Grey PVC/polyurethane alloy.
- Reinforcement — High tensile strength yarn.
- Cover — PVC/polyurethane alloy, available in four colors: A1141 — Yellow, A1144 — Red, A1146 — Blue, A1148 — Grey.

Features:

- Grey core tube has excellent cut resistance . . . complies with ARPM'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 materials.
- One-piece lengths.
- RoHS⁽¹⁶⁾ compliant.
- Phthalate Free!

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)

Nominal Specifications

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		(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.

* **Note:** Series A1144 5/16" and 5/8" ID sizes are non stock items.

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

PHthalate FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.

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