

Kuri Tec®

Series A1141, A1144, A1146, A1148

Special Purpose PVC/ Polyurethane Air Hose



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 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.
- RoHS⁽¹⁵⁾ compliant.

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.

RoHS⁽¹⁵⁾

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

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