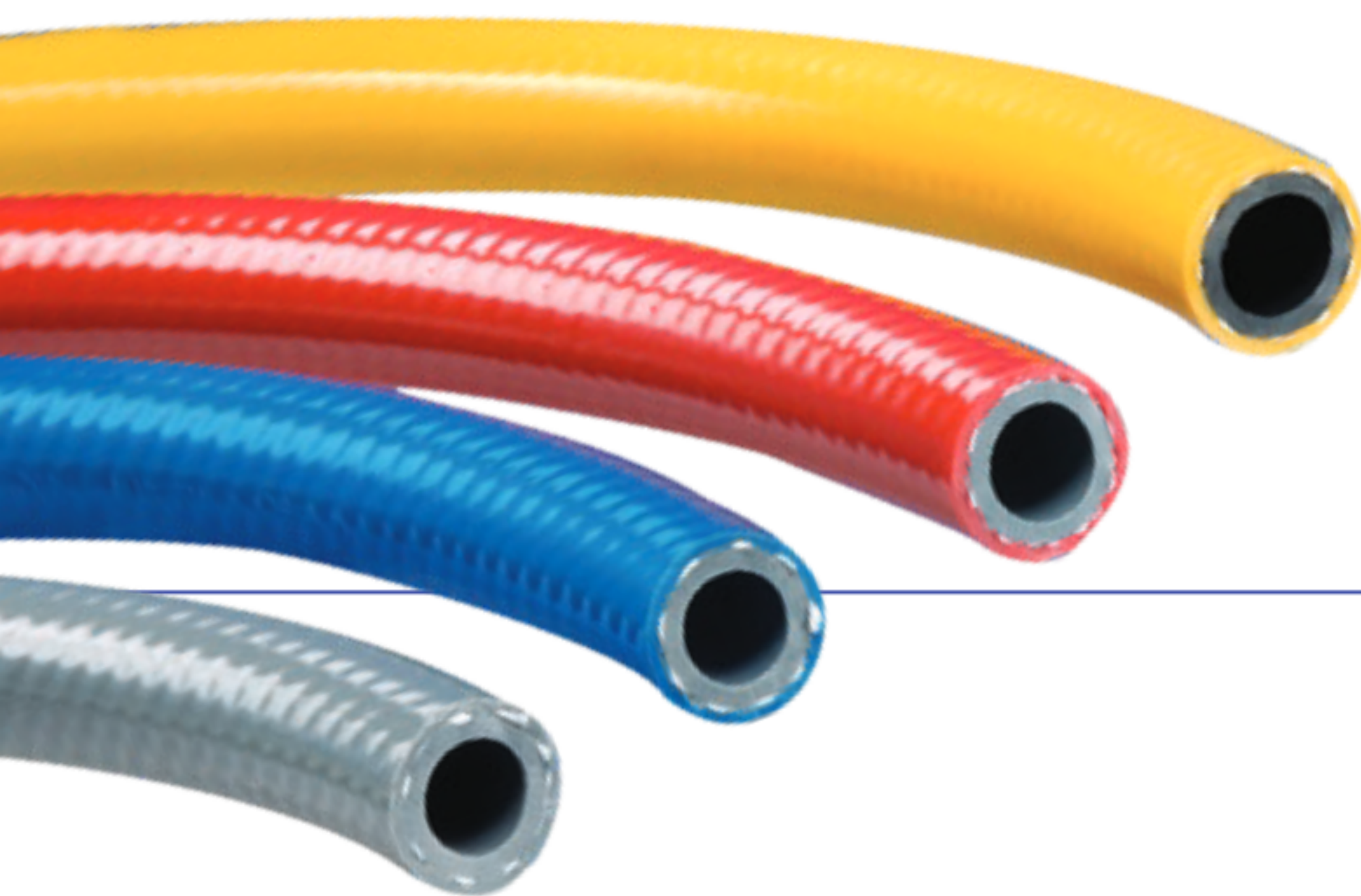




A1141 Series / A1144 Series / A1146 Series / A1148 Series

Special Purpose PVC/Polyurethane Blend Air Hose

View Up To Date Info



◀ SCAN OR VISIT
[KOA.link/
A1141-4-6-8](https://KOA.link/A1141-4-6-8)



GENERAL APPLICATIONS

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

CONSTRUCTION

- **Tube** – Gray phthalate free PVC/Polyurethane alloy
- **Reinforcement** – High tensile strength yarn
- **Cover** – Phthalate free PVC/Polyurethane alloy. Available in four colors: A1141 (Yellow), A1144 (Red), A1146 (Blue), A1148 (Gray)

SERVICE TEMPERATURE RANGE

-0°F (-18°C) to +185°F (+85°C)

FEATURES AND ADVANTAGES

- **Highly Abrasion Resistant Polyurethane** – Designed for applications where severe abrasion is a factor. Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **High Oil Resistance** – Meets ARPM Class A rating for high oil resistance. Remains flexible when exposed to oils. Won't dry out or crack like other PVC hoses.
- **UV and Weather Resistant** – Opaque cover resists damage from UV light and weather aging.
- **Lightweight** – Lighter weight reduces worker fatigue.
- **Non-Perforated, Non-Marking Cover** – Can be dragged over flooring without leaving marks typical of rubber hoses.

Series Number				Size Code	ID		OD		Max. Working Pressure [†] (psi)		Standard Length (ft)	Weight per Pkg. (lbs)
A1144 Red	A1141 Yellow	A1146 Blue	A11468 Gray		(in)	(mm)	(in)	(mm)	at 70°F (20°C)	at 122°F (50°C)		
✓	✓	✓	✓	04	1/4	6.5	0.460	11.7	300	200	500	37
✓	✓	✓	✓	06	3/8	9.5	0.625	15.9	300	200	500	67
✓	✓	✓	✓	08	1/2	12.7	0.770	19.6	300	200	500	88
✓	✓	✓	✓	12	3/4	19.0	1.060	26.9	300	150	300	79

NOTES:

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

COMPLIANCES (for details see page 91)

Phthalate Free [13], **RoHS** [14]

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.