



A4176 Series

Conductive PVC Air Hose with Polyurethane Cover

GENERAL APPLICATIONS

- Air lines for painting equipment
- Applications requiring the use of grounded pneumatic tools
- In-plant air service where static dissipation is required

CONSTRUCTION

- **Tube** – Phthalate free co-extruded electrically-conductive PVC
- **Reinforcement** – Spiral polyester yarn
- **Cover** – Blue phthalate free polyurethane

SERVICE TEMPERATURE RANGE

+14°F (-10°C) to +150°F (+65°C)

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A4176**



FEATURES AND ADVANTAGES

- **Conductive** – Continuous flexible conductive liner assures contact with fittings without special preparation or clamping techniques.
- **No wires** – No wires to break when the hose is flexed.
- **Highly Abrasion Resistant Polyurethane Cover** – Designed for applications where severe abrasion is a factor.
- **Medium Oil Resistance** – Meets ARPM Class B rating for medium oil resistance. Remains flexible when exposed to oils. Won't dry out or crack like other PVC hoses.
- **Lightweight** – Lighter weight reduces worker fatigue.
- **Non-Perforated, Non-Marking Cover** – Can be dragged over flooring without leaving marks typical of rubber hoses.

ELECTRICAL DATA

- Resistance is less than 100,000 ohms per foot when tested with an ohmmeter, with normal open-circuit output voltage of 500 VDC.
- **Note** – Conductivity is through the inner liner only. To dissipate static electricity, the hose must be fitted with a grounded conductive coupling. When measured through the wall of the hose, the product demonstrates electrical insulation.

Series Number	Size Code	ID		OD		Max. Working Pressure [†] (psi)		Standard Length (ft)		Weight per Pkg. (lbs)	
		(in)	(mm)	(in)	(mm)	at 70°F (20°C)	at 122°F (50°C)	Reel	Coil	Reel	Coil
A4176	04	1/4	6.5	0.500	12.7	300	180	500	100	44	8
A4176	06	3/8	9.5	0.625	15.9	300	180	500	100	58	11
A4176	08	1/2	12.7	0.813	20.7	300	180	500	100	93	18

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]

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