

A4176 Series Conductive PVC Air Hose with Polyurethane Cover



Uniquely different PVC air hose that prevents static build-up without the need of a static wire.

Construction:

- Tube — Co-extruded electrically-conductive PVC.
- Reinforcement — Spiral polyester yarn.
- Cover — Blue polyurethane for superior abrasion resistance.

Features:

- Continuous flexible conductive liner assures contact with fittings, without special preparation or clamping techniques.
- No wires to break when the hose is flexed.
- Distinctive color and branding allows easy identification.
- Silicone-free.
- One-piece lengths.
- Branded as “Conductive Air”.

- Excellent chemical and abrasion resistance afforded by polyurethane cover.
- Non-marking non-perforated cover.
- Phthalate Free!

Applications:

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

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.

Service Temperature Range: +14° F (-10° C) to +150° F (+65° C)

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Length Coils		Approx. Wt. per Pkg.	
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	Reel	Coil	Reel	Coil
A4176	04	1/4	6.5	.500	12.7	300	180	500 ft.	100 ft.	44 lbs.	8 lbs.
* A4176	06	3/8	9.5	.625	15.9	300	180	500 ft.	100 ft.	58 lbs.	11 lbs.
A4176	08	1/2	12.7	.813	20.7	300	180	500 ft.	100 ft.	93 lbs.	18 lbs.

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

*Non stock item.

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

PHthalate FREE⁽¹⁵⁾

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.

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