



**ITW hoses and connectors are purpose made for the spray finishing industry.**

The use of the best and most dependable air and fluid hoses are vital to all finishing facilities to maintain optimum production levels with the minimum of maintenance downtime. By choosing ITW hoses and connectors you are assuring that your spray application equipment receives air and fluids in the best possible condition at the specified pressures and volumes.

ITW hoses and connectors are manufactured to the highest quality to maintain engineering tolerances for maximum performance, durability and working life.

- **Suitable for all low pressure finishing applications**
- **Approved for most industrial spray fluids**



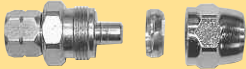
**ITW Industrial Finishing**

Binks • DeVilbiss • Ransburg

**Air and Fluid hoses & connectors  
(low pressure)**

- Hoses include a conductive outer cover to comply with European ATEX & CE legislation
  - Smooth outer cover ensures easy cleaning
- Flexible and manoeuvrable for decreased operator fatigue
  - Hoses have excellent chemical compatibility
- Three piece reusable hose connectors (brass plated)
  - Air & Fluid hose available per metre or delivered on 150m hose reels.
- Wide range of BSP & NPS threaded connectors.

Choose hoses and connector part numbers from this specification chart:

Hose Pt No.	Description	Type	Bore size mm	Hose cover	Inner bore	Conductive	ATEX/CE	Max w.p.	Hose Connector thread size and part number			
									1/4 BSP	1/4 NPS	3/8 BSP	3/8 NPS
H-7501	5/16" Bore AIR HOSE Red rubber	AIR	8	EPDM	EPDM	✓	✓	17bar (250psi)	PA-HC-4527	P-HC-4527	-	-
H-7502	3/8" Bore AIR HOSE Red Rubber	AIR	9.5	EPDM	EPDM	✓	✓	17bar (250psi)	PA-HC-4528	P-HC-4528	PA-HC-4548	P-HC-4548
H-7503	1/4" Bore FLUID HOSE Black	FLUID	6	Nitrile	Nylon	✓	✓	34bar (500psi)	PA-HC-4523	P-HC-4523	PA-HC-4543	P-HC-4543
H-7504	3/8" Bore FLUID HOSE Black	FLUID	9.5	Nitrile	Nylon	✓	✓	34bar (500psi)	PA-HC-4528	P-HC-4528	PA-HC-4548	P-HC-4548
H-7501-150M	5/16" Bore Air Red Rubber (150M reel)	AIR (BULK)	8	EPDM	EPDM	✓	✓	17bar (250psi)	 <p>The above connectors are three piece re-usable (Plated brass)</p>			
H-7502-150M	3/8" Bore Air Red Rubber (150M reel)	AIR (BULK)	9.5	EPDM	EPDM	✓	✓	17bar (250psi)				
H-7503-150M	1/4" Bore Fluid Black (150M reel)	FLUID (BULK)	6	Nitrile	Nylon	✓	✓	34bar (500psi)				
H-7504-150M	3/8" Bore Fluid Black (150M reel)	FLUID (BULK)	9.5	Nitrile	Nylon	✓	✓	34bar (500psi)				

EPDM is (Ethylene Propylene Diene Monomer) rubber

## AIR HOSE (Red)

**Recommended Use** – Premium spray finishing air hose. Class B oil resistance. Designed for all finishing operations as well as rugged industrial applications, especially applications requiring lubricants in the airline supply or where oil and grease are present in the environment. Excellent for use with water and water-based materials. Temperature range from 0°C to +90°C (max).

**Tube** – EPDM Class B oil resistance.

**Reinforcement** – High tensile strength spiral reinforcement. Specially designed for maximum flexibility (under pressure) and maximum coupling retention.

**Cover** – EPDM, red, smooth. Abrasion resistant. Oil Resistance.



## FLUID HOSE (Black)

**Recommended Use** – Premium, versatile fluid hose, for finishing operations plus a wide range of fluid applications. The hose is ideal for resins and solvents contained in latices, epoxies, urethanes, alkyds, primers, acrylics, polyesters, silicones, bitumastic coatings, oil and water based paints, lacquers, alcohol and latex coatings. Temperature range from 0°C to +90°C (max).

**Tube** – Nylon.

**Reinforcement** – High tensile synthetic braid. Specially designed for maximum flexibility (under pressure) and maximum coupling retention.

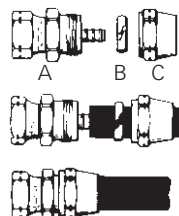
**Cover** – Black, synthetic, smooth rubber. Class B – Oil Resistance.



## How to install ITW Reusable Connections

### Compress Sleeve Type

Place a matching double male nipple in a vice and tighten. Screw swivel nut onto fitting and tighten. Remove nut and sleeve from connector. Cut hose end square and slide nut over hose approximately 2 inches back from cut. Spread sleeve ring just enough to slide over hose easily. Push hose onto connector body, twisting hose slightly as you push to ensure proper seating. Slide sleeve forward and tighten nut until connector body begins to turn. Remove double male nipple – hose and connection are ready to use. Tools required: vice, double male nipple, adjustable wrench, knife.



This connection consists of three (3) pieces:

- A. Swivel nut and connector body
- B. Sleeve
- C. Nut

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