

Easy Couple® H201

Boston by Danfoss Easy Couple H201 Air & Multipurpose Low Pressure

Engineered to be versatile

Boston® Easy Couple H201 air and water transfer hose is a multifaceted, multipurpose hose designed to meet the demands of various mobile and industrial applications. Engineered with a focus on flexibility, durability, and ease of use, the H201 can be utilized in a broad spectrum of applications, from robotic arms and cooling systems to agricultural and mining applications. Its unique socketless design allows for quick and secure assembly without the need for crimping or clamping, making it an ideal choice for field operations.



Markets/Applications

- Mining
- Construction
- Plastic molding
- Low pressure hydraulics
- In-plant robotic manufacturing
- Conveying fuel, oil, air, and water
- Pneumatic tools on production line



Benefits

- **Versatile in Applications:** From robotic arms, cooling systems, air hoses, water hoses, and fertilizer distribution and many more.
- **Versatile in use:** Compatible with light chemicals, biofuels, and oils.
- **Easy to use:** Socketless design for quick, easy field assembly.
- **No crimping or clamping required**—just push the fitting into the hose and it locks securely.
- **Durable and Flexible:** Braided reinforcement for lightweight.
- **Kink resistant:** ideal for pneumatic tools and industrial applications.

Features

- 4:1 safety factor
- MSHA approved
- NBR inner tube- ARMA Class A fuel resistance and suitable for light chemicals
- Fuel resistance, including B20 at 100°C
- Handles temperatures up to 100°C for air and water, and up to 125°C for oil
- Lightweight single braid fiber reinforcement
- Available in six different colors for easy fluid or air line differentiation
- Diverse fitting availability
- Hose and fitting can be coupled without tooling
- Able to use in clamp applications

Easy Couple® H201

Light- to medium-duty air and multipurpose hose

Boston by Danfoss Easy Couple H201-04 Air & Multipurpose Low Pressure 6.4 MM (0.25 IN) DN6 MSHA IC-46/6 20.7 BAR (300 PSI) -40°C to +100°C (40°F to +212°F) YYYY/MM/DD Made in USA / /-- XXXXX



Number	Hose I.D.		Hose O.D.		Operating Pressure		Min. Burst Pressure		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H20104BK-250R	6.4	0.25	13.5	0.53	20.7	300	83.0	1200	0.13	0.09	76.2	250
H20106BK-250R	9.5	0.38	17.5	0.69	20.7	300	83.0	1200	0.19	0.13	76.2	250
H20108BK-250R	12.7	0.50	19.8	0.78	20.7	300	83.0	1200	0.22	0.15	76.2	250
H20110BK-250R	15.9	0.62	24.4	0.96	20.7	300	83.0	1200	0.34	0.23	76.2	250
H20112BK-250R	19.0	0.75	27.2	1.07	20.7	300	83.0	1200	0.39	0.26	76.2	250
H20116BK-250R	25.4	1.00	35.4	1.39	13.8	200	55.0	800	0.57	0.38	76.2	250

Construction

Tube Synthetic rubber (RMA Class A)

Reinforcement

1-braid fiber

Cover Synthetic rubber

Colors Black (BK), Blue (BU), Red (RD), Green (GR), Gray (GY), Yellow (YW)

Operating Temperature

Air and water
-40°C to 100°C
(-40°F to +212°F)

Oil
-40°C to +127°C
(-40°F to +260°F)

Certifications

- RMA Class A tube
- MSHA IC - 46/6 Black
- MSHA IC - 84/62 Blue
- MSHA IC - 84/47 Red
- MSHA IC - 84/48 Green
- MSHA IC - 84/64 Gray
- MSHA IC - 84/63 Yellow

Type of couplings

- Aeroquip® socketless
- Push-on
- Danfoss "B" series
- Danfoss Quick Disconnect

Contact Danfoss coupling manufacturer for attachment procedure and other coupling recommendations

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