

2025

DATA COOLING

HOSES & FITTINGS



Danfoss

 **McGill**
HOSE & COUPLING

Built for critical applications

since the 1960s



McGill Hose & Coupling cut its teeth on PTFE, metal, and high-pressure hydraulic hose—work where critical applications demand clean, repeatable results and downtime isn't an option.

That heritage now powers our data-center programs: curated products from the best suppliers in the industry, reliable, documented assemblies for CDUs, in-rack manifolds, and direct-to-chip loops, from prototype to production.

Quality credentials: AS9100 & ISO 9001 certified by TÜV SÜD • Welders qualified to ASME Section IX • NAHAD HSI practices • Clean handling/packaging and traceability. • Optional hydrostatic, pneumatic (air or nitrogen), and vacuum helium leak testing.

What we build (in-house)

- Corrugated & stripwound metal hose jumpers, dog-legs, formed elbows
- PTFE (smoothbore & convoluted), EPDM cooling hose, & silicone hose (where specified).
- Precision tube bends and machined adapters for stress-free, leak-tight connections.
- Labeled/serialized assemblies with documentation to spec

Components for Data-Center Liquid Cooling (Line Card)

- Danfoss Hansen® FD83 turn-to-connect, no-spill, flat-face QDs
- Danfoss UQD universal quick disconnects for compact in-rack lines
- Boston™ by Danfoss Royal™ EHW194 EPDM coolant hose (peroxide-cured, flexible, fire-resistant cover)
- Push-on/barbed stems, 90° male swivel × hose-barb elbows, Oetiker® ear clamps
- Stainless adapters and accessories to integrate manifolds, CDUs, and server loops

Ready for your critical application?

Send your print—or answer STAMPED (Size, Temp, Application, Media, Pressure, Ends, Delivery)—and we'll build to spec.



Connect
with
McGill



Danfoss Hansen® FD83 Quick Disconnects

Turn-to-connect, flat-face, double shut-off couplings

Flat-face, double shut-off QDs with lever interlock for clean, repeatable servicing.

Danfoss Hansen® FD83 Quick Disconnects

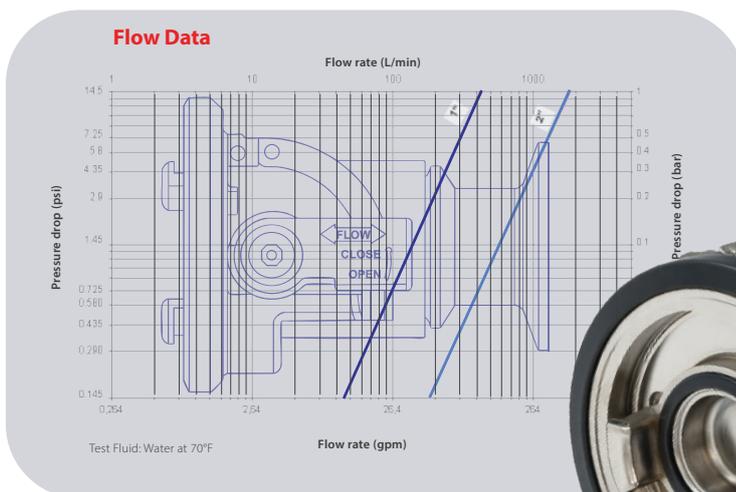
- For clean, repeatable servicing
- Identical halves with lever interlock
- Flat-face, no-spill disconnect
- Color IDs, caps, inserts & seals available
- Ends: ORB, NPT, BSPP, Tri-Clamp

In stock

Order by: size • end • seal

Availability: In stock

Danfoss Hansen® FD83 flat-face, double shut-off quick disconnects are built for clean, repeatable service in liquid-cooling loops. Identical halves with lever interlock enable quick, turn-to-connect makeup while minimizing spillage at disconnect. Stainless construction, multiple seal options, and color IDs support fast identification and maintenance in the rack.



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Boston[®] by Danfoss Royal[™] EHW194 EPDM Hose

Peroxide-cured EPDM coolant hose engineered for flexibility and kink resistance; fire-resistant cover.



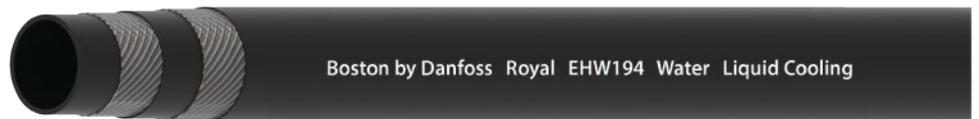
Boston[®] by Danfoss Royal[™] EHW194 EPDM Hose

- Common IDs ¼" - 2"
- Push-on/barbed stem options
- Works with Oetiker[®] ear clamps where specified
- Black "coolant hose" print for quick ID

In stock

Order by: ID • length

Availability: In stock



Boston[™] by Danfoss Royal[™] EHW194 is a peroxide-cured EPDM coolant hose engineered for flexibility and kink resistance in tight racks. A UL 94 V-0, fire-resistant cover and smooth handling simplify routing. Common IDs from ¼ - 2 pair with push-on/barbed stems and ear clamps for fast, repeatable assembly.



Push-on/barbed stems



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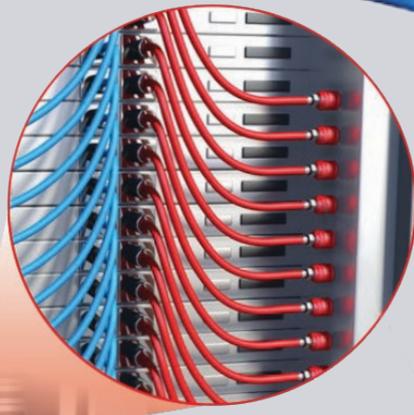
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Universal Quick Disconnect Coupling

High-flow, no-spill QDs—ideal for in-rack applications with smaller hose lines.

In stock



90° Male Swivel x Hose Barb Elbow

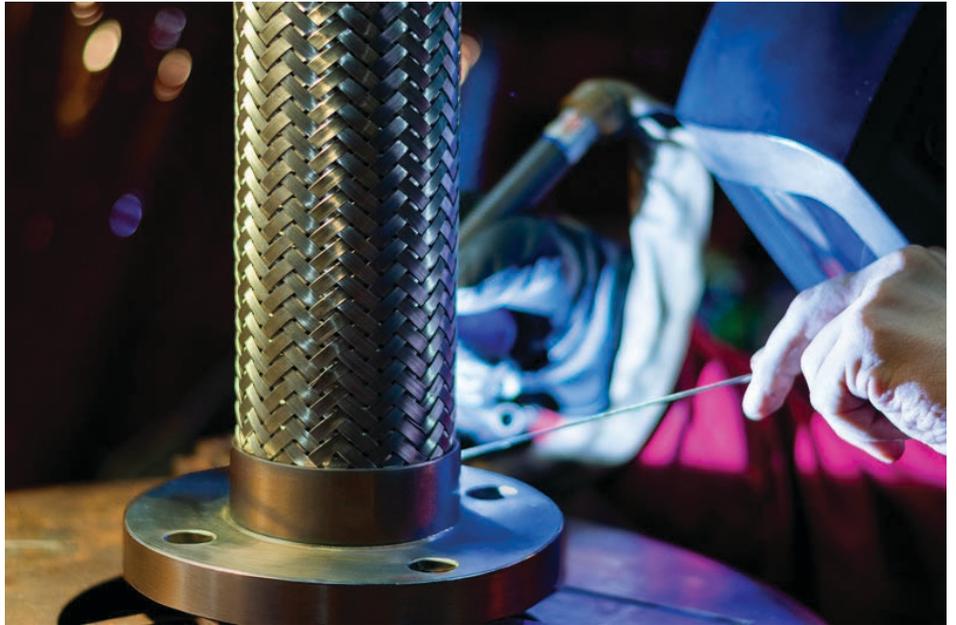


In stock



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Capabilities: Corrugated & strip-wound assemblies • Dog-legs & formed elbows • Tube bending • Jacketed hose • Special fittings (in-house machine shop).
Quality: Welders qualified to ASME Section IX; NAHAD HSI practices; optional hydro or helium leak testing.

**READY
TO
QUOTE**



RFQ checklist: Size (ID/length) • Media • Temp • Pressure/Vac • Ends • Quantity • Special tests/marking.



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Instrumentation Fittings & Valves

Double- and single-ferrule tube fittings, valves, manifolds & adapters—interchangeable with Swagelok®*

Keep your cooling loops tidy and leak-tight with DK-LOK® instrumentation fittings and valves. From tube-to-tube elbows and tees to needle, check and manifold valves, we stock the essentials in 316 stainless and support both fractional and metric sizes. Pair components with McGill's in-house tube bending, panel builds and kitting to speed installation and simplify maintenance.

We Stock:

- Tube fittings (double- and single-ferrule): straight, elbow, tee, cross
- Needle, ball, check & manifold valves
- Adapters: NPT, BSPP/BSPT, SAE, hose barb
- Fractional & metric sizes
- 316 stainless (brass & specials available)
- Interchangeable with Swagelok® tube fittings*



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**Interchangeability claim based on DK-LOK® manufacturer data. Swagelok® is a registered trademark of Swagelok Company. McGill is not affiliated with or endorsed by Swagelok Company.*

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