Data Sheet Non-Metallic Fittings

The superior strength and lightweight design make non-metallic fittings an ideal substitute for their metal counterparts.

Barbed Fittings

Styles

- Suction couplings
- Hose menders
- Male inserts
- Female inserts
- Short shank couplings
- Push-on hose barb

- Materials
- Nylon
- Polypropylene

Sizes

• 1/4" - 4"



Adapters

Styles

- Close nipples
- Reducing bushings
- Female couplers
- GHT adapters

Materials

- Nylon
- Polypropylene

Sizes

• 1/4" - 1"



Elbows and Tees

Styles

- Hose barb
- Street elbow
- Threaded

Materials

- Nylon
- Polypropylene

Sizes

• 1/4" - 1"



Non-Metallic Fittings







Style

Cam & groove

- Bolted
- Drum faucet

Quick-Connect Fittings

Valves

- Material
- Polypropylene

Sizes

1/2" - 4"

Materials

 Polypropylene Polyethylene

Sizes

1/2" - 4"



Nozzles

- **Styles**
- 90° ball valve
- 45° single union

Material

Polypropylene

Sizes

1-1/2" - 2"

Strainers

Materials

- Polypropylene
- · Elastomeric polymers

Sizes

• 3/4" - 4"



Tubing and Accessories

Styles

Styles

• Y-line

T-line

Flexible

Female NPT

- Black, blue, natural, or clear tubing
- Braided tubing • Cutters

Sizes

• 3/16" - 1-1/2" I.D.

Materials

- PVC
- DOT
- Polyurethane
- Polyethylene
- Nylon
- Fluoropolymer FEP

Hose Coupling Safety

- Use Dixon[®] couplings, retention devices, and accessory products only for their intended service.
- · All recommendations of the Hose Manufacturer, and the Coupling Manufacturer, must be employed with regards to Size, Temperature, Application, Media, Pressure, Ends, and Dixon (STAMPED) when selecting the components for a hose assembly.
- · All finished hose assemblies should be tested in accordance with the Rubber Manufacturers Association (RMA) recommendations.
- All hose assemblies should be thoroughly inspected prior to each use to insure they are undamaged, and properly coupled.
- Use safety clips on couplings, and King Safety Cables on assemblies where required by the manufacturer, as well as State and Federal regulations.
- · Call Dixon for advice on couplings, retention devices, and accessories for your application.

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