Specifications

**PRESSURE:**
Vacuum to 120 psi, 8.3 bar

**TEMPERATURE:**
32°F to 160°F (0°C to 71°C)

**MATERIALS:**
Main components and valves:
Glass-filled polypropylene with TPV* overmold, ABS with TPE* soft-touch overmold

Thumb latch: Glass-filled polypropylene, ABS

Valve Spring: 316 stainless steel

O-rings: EPDM

**COLOR:**
Polypropylene: Gray with dark gray overmold standard; gray with red or blue overmold available†

ABS: White with teal overmold

**TUBING SIZES:**
1/8” to 3/8” ID, 3.2mm to 9.5mm ID

**LUBRICANTS:** Krytox® PFPE (inert)

**SPILLAGE:**
<0.10 cc per disconnect at all rated pressures

**INCLUSION:** 0.26 cc per connect

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer’s responsibility to test the suitability of CPC’s products in their own application conditions.

*The overmold material TPV (thermoplastic vulcanizate) is used with the NS4 polypropylene couplings. TPV is an alloy of polypropylene thermoplastic and fully vulcanized EPDM rubber. TPV is typically resistant to water, acids and bases. The overmold material TPE (thermoplastic elastomer) is used with the NS4 ABS couplings. TPE is a blend of additives and copolymers in a special formulation that forms extremely durable bonds to the ABS substrate, while offering the traditional properties of soft-touch overmold.

†NOTE: Standard product is gray; color options require a setup charge and minimum quantities. Please contact CPC for details.

Visit us at cpcworldwide.com or call 800-444-2747 to get a free catalog or to find your local distributor.

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**NS4 Series couplings** feature non-spill valves in a compact size, at a great price. Use the NS4 when even a few drops pose problems regarding safety, media cost or environmental regulations. These innovative couplings are lightweight, chemically resistant and easy to use. The non-spill design effectively eliminates spills, minimizes downtime and enhances operator safety.

**FEATURES**
- Non-spill design
- Color coding
- Glass-filled polypropylene
- Medical-grade ABS

**BENEFITS**
- Disconnect under pressure with no spills
- Instant visual differentiation of media lines
- Durable and compatible with many chemicals
- Gamma sterilizable

These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.
**WARRANTY:** All sales are subject to Colder Products Company's limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

**Warning:** Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

**CoPyriGht © 2014 By colDer ProDUctS coMPAN y. colDer ProDUctS coMPAN y, colDer ProDUctS AND cPc Are reGiStereD trADeMArKS With the US P AteNt & trADeMArK oFFice.**

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**Product Dimensions**

**A = HEIGHT/DIAMETER**

**B = TOTAL LENGTH**

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**Coupling Bodies • POLYPROPYLENE / ABS**

**TERMINATION**

<table>
<thead>
<tr>
<th>IN-LINE</th>
<th>PIPE THREAD</th>
<th>THREAD SIZE</th>
<th>METRIC EQ.</th>
<th>POLYPROPYLENE</th>
<th>ABS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FERRULELESS POLYTUBE FITTING, PTF†</td>
<td>1/8&quot; OD, 1/4&quot; ID</td>
<td>6.4mm OD, 4.3mm ID</td>
<td>6.4mm OD, 4.3mm ID</td>
<td>NS4D13004</td>
<td>NS4D010004</td>
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<td>PANEL MOUNT</td>
<td>1/8&quot; OD, 1/4&quot; ID</td>
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</tr>
</tbody>
</table>

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**Coupling Inserts • POLYPROPYLENE / ABS**

**TERMINATION**

<table>
<thead>
<tr>
<th>IN-LINE</th>
<th>PIPE THREAD</th>
<th>THREAD SIZE</th>
<th>METRIC EQ.</th>
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<th>ABS</th>
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</thead>
<tbody>
<tr>
<td>FERRULELESS POLYTUBE FITTING, PTF†</td>
<td>1/8&quot; OD, 1/4&quot; ID</td>
<td>6.4mm OD, 4.3mm ID</td>
<td>NS4D010004BSP</td>
<td>NS4D010004BSP</td>
<td></td>
</tr>
<tr>
<td>PANEL MOUNT</td>
<td>1/8&quot; OD, 1/4&quot; ID</td>
<td>6.4mm OD, 4.3mm ID</td>
<td>NS4D010004BSP</td>
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**ACCESSORIES:**

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<thead>
<tr>
<th>PANEL MOUNT GASKET FOR SEALING PANEL MOUNT INSERTS</th>
<th>EPDM</th>
<th>FKM</th>
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<tr>
<td>1879800</td>
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<td>1889500</td>
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**Coupling Reader • POLYPROPYLENE**

**TERMINATION**

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<thead>
<tr>
<th>IN-LINE</th>
<th>HOSE BARB</th>
<th>THREAD SIZE</th>
<th>METRIC EQ.</th>
<th>SHUTOFF</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1/8&quot; ID</td>
<td>3.2mm</td>
<td>NS4D2200200</td>
<td>INS4DR2200200</td>
</tr>
</tbody>
</table>

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**Coupling Insert • POLYPROPYLENE**

**TERMINATION**

<table>
<thead>
<tr>
<th>IN-LINE</th>
<th>HOSE BARB</th>
<th>THREAD SIZE</th>
<th>METRIC EQ.</th>
<th>SHUTOFF</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/8&quot; ID</td>
<td>3.2mm</td>
<td>INS4DR1700200</td>
<td>NS4D1700200</td>
</tr>
</tbody>
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**cpcworldwide.com/ContactUs**

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**Smart fluid handling to take you forward, faster.**