Blueline

Thermoplastic ultra-high pressure hoses for high-pressure water-jetting applications

- Up to 35% less weight than rubber hoses with comparable performance
- Excellent resistance to abrasion and cutting
- Approved to the requirements of EN 1829-2
- Resistant to hydrolysis, ozone and UV radiation
- Worldwide availability ensured by selected and certified distributors
- State-of-the-art fitting technology

Contact information:
www.parker.com/polyflex
polyflex@parker.com

Features:
- Up to 35% less weight compared to rubber hoses (this means up to 8 kg less for a 20m, DN 12, 1100 bar hose line)
- Excellent abrasion resistance compared to alternative hoses available in the market, in particular rubber hoses
- Approved to the requirements of EN 1829-2

Advantages:
↔ Allows more ergonomic working
↔ Increased useful life
↔ Working according to the state of the art

ENGINEERING YOUR SUCCESS.
The Blueline hose series

With its hose types 2388N and 2580N, the Blueline hose series provides a coherent series together with the matching fittings from Parker Polyflex. Daily work is greatly facilitated due to the reduced hose weight. The Blueline hose series is manufactured and approved to EN 1829-2, making it the first of its kind worldwide. Another advantage of Parker Polyflex hoses is their worldwide availability. From our specially trained and certified Parker Polyflex distributors you will get exactly the right hose – whenever you need it.

2388N – High-pressure hose

<table>
<thead>
<tr>
<th>Part number</th>
<th>DN</th>
<th>Size</th>
<th>Inch</th>
<th>mm</th>
<th>Max. working pressure MPa / psi</th>
<th>Min. burst pressure MPa / psi</th>
<th>Min. bend radius mm</th>
<th>Weight kg/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>2388N-04V12</td>
<td>6</td>
<td>-04</td>
<td>6,3</td>
<td>1/4</td>
<td>13,3</td>
<td>128</td>
<td>18560</td>
<td>80</td>
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<tr>
<td>2388N-08V12</td>
<td>12</td>
<td>-08</td>
<td>13,0</td>
<td>1/2</td>
<td>23,0</td>
<td>110</td>
<td>15950</td>
<td>100</td>
</tr>
</tbody>
</table>

Fields of application
- High-pressure applications in the construction and shipbuilding industries and for general industrial cleaning applications
- Primarily used for the removal of various kinds of dirt or of materials from different kinds of surfaces such as tanks, concrete, asphalt etc.

Construction
- Tube: Polyamide
- Reinforcement: Two spiral layers and two open spiral layers made of highly tensile steel wire
- Cover: Polyurethane
- Colour: Blue

Temperature range
-10°C up to +70°C

Fittings for 2388N

Parker BS fitting series:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>National Pipe Tapered (NPT) male</td>
</tr>
<tr>
<td>02</td>
<td>BSP female swivel (60° cone)</td>
</tr>
<tr>
<td>09</td>
<td>BSP male</td>
</tr>
<tr>
<td>09</td>
<td>Metric female swivel with O-ring</td>
</tr>
</tbody>
</table>

Parker BS fitting series:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AY</td>
<td>Type “M” female swivel</td>
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</tbody>
</table>
2580N – High-pressure hose for water jetting

<table>
<thead>
<tr>
<th>Part number #</th>
<th>DN</th>
<th>Size mm</th>
<th>Inch</th>
<th>mm</th>
<th>Max. working pressure MPa / psi</th>
<th>Min. burst pressure MPa / psi</th>
<th>Min. bend radius mm</th>
<th>Weight kg/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>2580N-06V12</td>
<td>10</td>
<td>9,8</td>
<td>3/8</td>
<td>21,6</td>
<td>160 23200</td>
<td>400 58000</td>
<td>95</td>
<td>0,94</td>
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<tr>
<td>2580N-08V12</td>
<td>12</td>
<td>12,9</td>
<td>1/2</td>
<td>25,0</td>
<td>140 20300</td>
<td>350 50750</td>
<td>110</td>
<td>1,19</td>
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<tr>
<td>2580N-12V12</td>
<td>20</td>
<td>19,8</td>
<td>3/4</td>
<td>32,6</td>
<td>120 17400</td>
<td>300 43500</td>
<td>170</td>
<td>1,76</td>
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</tbody>
</table>

Fields of application
- High-pressure applications in the construction and shipbuilding industries and for general industrial cleaning applications
- Primarily used for the removal of various kinds of dirt or of materials from different kinds of surfaces such as tanks, concrete, asphalt etc.

Construction
- Tube: Polyamide
- Reinforcement: Two spiral layers and two open spiral layers made of highly tensile steel wire
- Cover: Polyurethane
- Colour: Dark Blue

Temperature range
- –10°C up to + 70°C

Fittings for 2580N

Parker BL fitting series:

Extract from DIN EN 1829-2:
“This European standard applies to hoses, hose lines and connectors to be applied with high-pressure water-jet machines in the scope of application of EN 1829-1. This European standard covers all significant hazards, hazardous situations and hazardous events applying to machinery within the scope of application of this standard, provided that such machinery is used for the intended purpose and under conditions which are reasonably foreseeable by the manufacturer as misuse. This European standard contains the safety requirements intended to limit significant hazards to a minimum. Such hazards may occur during the assembly, operation, maintenance and repair of hoses, hose lines and connectors used in high-pressure water-jet machines.”

You can find further information in catalogue 4462:
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