Ultra High Pressure Tough Jacket™ Hose –
The new generation of extra abrasion resistant hose types

The new Ultra High Pressure Tough Jacket™ hose types are equipped with a robust, yet flexible, Polyurethane cover, that is even more abrasion resistant than the standard double outer cover hose types from Parker Polyflex.
This proprietary blend of Polyurethane provides up to 100 x more abrasion resistance than a standard Polyurethane cover.
For extra safety, Parker Polyflex combines this WJTA color coding compliant feature with Color Guard™. ColorGard™ features a second outer cover layer, that contrasts with the outer cover color. This acts as a visual indicator of hose abrasive wear.

Features:
• Extra abrasion resistant Polyurethane cover
• Featuring ColorGard™ technology, a second outer cover layer that contrasts with the outer cover color
• No extra PVC sheath needed,
  - compact O.D.
  - lighter weight assemblies (up to 16%)
• Compliant with WJTA color coding
• Standard fitting series can be used

Benefits:
• Long life time & reduced machine down time in critical applications and in harsh environments
• Visual inspection of wear possible, that acts as a warning indicator of hose abrasive wear
• Less weight and drag, making it easier for operators to maneuver the hose, less operator fatigue and therefore improved performance
• Standardized hose design for worldwide usage
• No additional fittings need to be purchased

Parker

ENGINEERING YOUR SUCCESS.
Ultra High Pressure Tough Jacket™ Hoses

Applications & Markets:
- Waterjet cutting
- Ship/Industrial cleaning
- Surface preparation
- Hydrodemolition

Construction:
Core Tube: Polyoxymethylene; 2440N-08V30/12 has a Polyamide core tube
Reinforcement: Four, six or eight spiral layers of high tensile steel wire
Cover: ToughJacket™ Polyurethane

Operating Parameters:
Temperature Range: -10°C to +70°C (+14°F to +158°F)

Hose design factors:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D. mm</th>
<th>Maximum O.D. mm</th>
<th>Max. Working Pressure MPa</th>
<th>Min. Bend Radius mm</th>
<th>Weight kg/m</th>
<th>Permanent Fitting Series</th>
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<tbody>
<tr>
<td>2440N-08V30/12</td>
<td>12</td>
<td>13</td>
<td>1/2</td>
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<td>3/16</td>
<td>17.3</td>
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Certifications: Compliant with DIN EN 1829-2:2012-02