Product Bulletin

Parker 426 High-Temperature Hose and 43 Series Fittings

- Meets a wide range of High-Temperature application requirements within -50°F to 302°F (-46°C to 150°C)
- Contains a special PKR® inner tube and a blue, PKR® synthetic rubber cover
- Exceeds SAE 100R1 Type AT specifications
Parker 426 hose is perfect for both Internal and External High-Temperature applications.

Used in foundry, injection molding, fleet oil cooler lines and ideal for thermal transfer fluids. Parker’s NEW 426 hose with a PKR® inner tube and PKR® Hypalon outer cover, is ideal for both internal and external high-temperature applications.

Features
- SAE 100R1 Type AT High-Temperature specialty hose
- Blue, PKR®, MSHA-accepted outer cover with an easy to read layline for easy identification
- PKR® synthetic rubber inner tube gives 426 a wide temperature range
- No-Skive design eliminates the need to remove the cover before attaching a fitting and crimping.

Construction
Oil-resistant PKR® synthetic rubber inner tube; one braid of high-tensile steel wire reinforcement; oil- and weather-resistant blue PKR® MSHA-accepted synthetic rubber cover.

Application and temperature range
- Petroleum-based hydraulic fluids and lubricating oils within a temperature range of -50°F to +302°F (-46°C to +150°C)
- Water, water/oil emulsion and water/glycol hydraulic fluids up to +185°F (+85°C)
- Air up to +158°F (+70°C)

43 Series fittings and Parkrimp crimpers
Parker 426 High-Temperature hose is compatible with our 43 Series fittings and the Parkrimp family of crimpers. Available in over 75 different end configurations.

The Parkrimp family of crimpers with In-Shop and Portable units offer easy to use machines for making the Parker 426 hose assembly.

43 Series fittings feature a corrosion-resistant zinc-dichromate finish.

PARTS AND SPECIFICATIONS

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<tr>
<th>Part Number</th>
<th>Hose I.D.</th>
<th>Hose O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Crimp Fitting</th>
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WARNING:
Failure or improper selection or improper use of hose, tubing, fittings, assemblies or related accessories (‘‘Products’’) can cause death, personal injury and property damage. Possible consequences of failure or improper selection or improper use of these Products include but are not limited to:

• Fittings thrown off at high speed.
• High velocity fluid discharge.
• Explosion or burning of the conveyed fluid.
• Electric shock from high voltage electric powerlines.
• Contact with suddenly moving or falling objects that are controlled by the conveyed fluid.
• Injuries by high-pressure fluid discharge.
• Dangerously whipping Hose.
• Contact with conveyed fluids that may be hot, cold, toxic or otherwise injurious.
• Sparking or explosion caused by static electricity buildup or other sources of electricity.
• Sparking or explosion while spraying paint or flammable liquids.
• Injuries resulting from inhalation, ingestion or exposure to fluids.

Before selecting or using any of these Products, it is important that you read and follow Parker Safety Guide for Selecting and Using Hose, Tubing, Fittings and Related Accessories (Parker Publication No. 4400-B.1 - Revised: May, 2002). Only Hose from Parker’s Stratoflex Products Division is approved for in flight aerospace applications, and no other Hose can be used for such in flight applications.

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