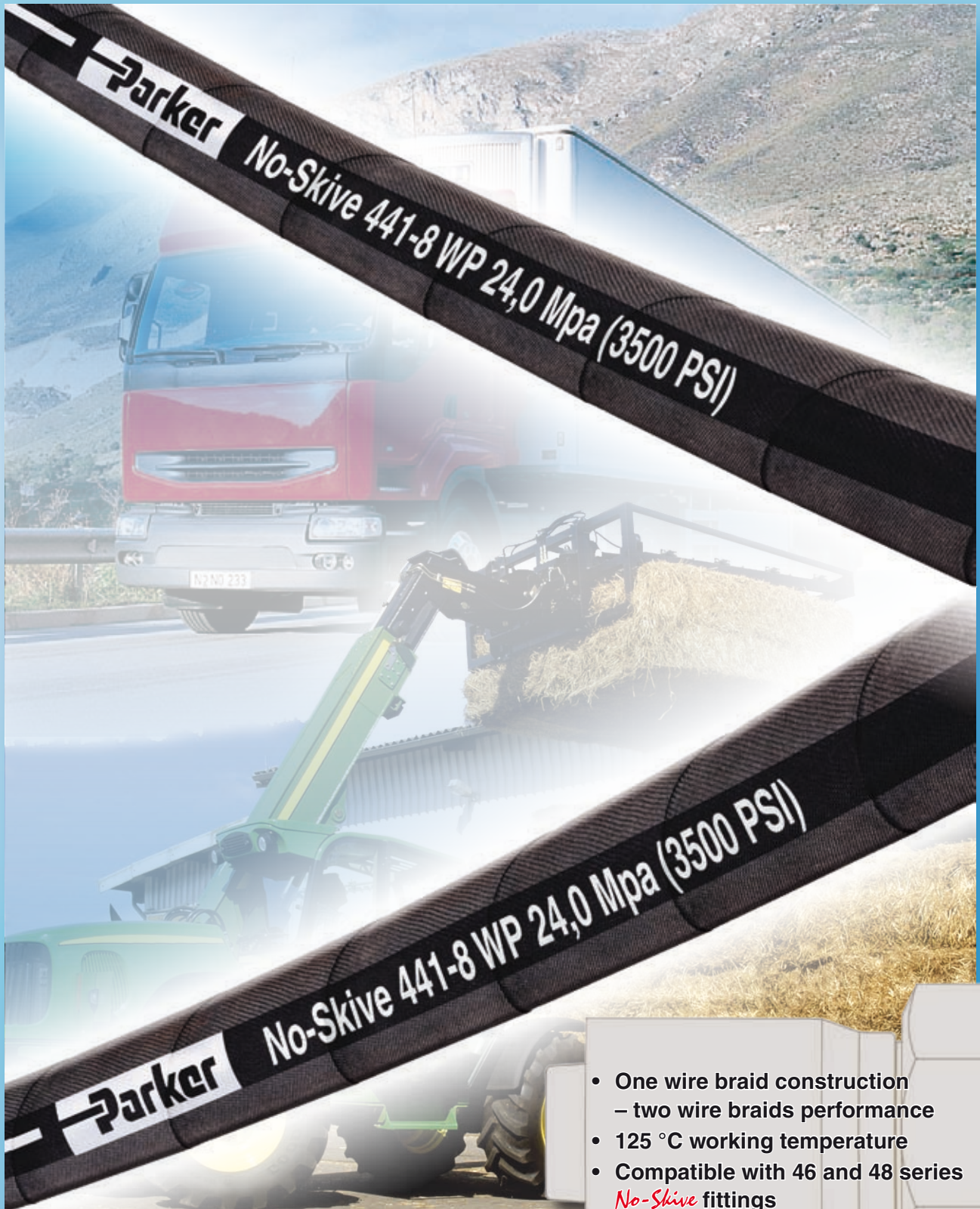




## **441** *No-Skive* Hi-Pac Compact Hose



- One wire braid construction – two wire braids performance
- 125 °C working temperature
- Compatible with 46 and 48 series *No-Skive* fittings

# 441 – *No-Skive* Hi-Pac Compact Hose

## SAE 100 R2 working pressures

## SAE 100 R16 bending radii

Parker's upgraded 441 hose provides 2 wire braided performance with only 1 high quality wire braid and is now approved for a working temperature of 125 °C.

The Hi-Pac construction of the hose braid allows the technical characteristics of an SAE 100 R16 hose to be met, but offers higher flexibility and therefore improved ease of installation in machines or equipment.

The 441 hose is ideal for many industrial and mobile applications, with typical usage seen on agricultural machines or in power steering circuits.

### Features:

- 1 wire braid construction – 2 wire braids performance
- 125° C working temperature\*
- Compatible with both 46 and 48 series *No-Skive* fittings
- *No-Skive* design eliminates the need to remove the cover before crimping

## 441 – *No-Skive* 1-Layer Compact Hose

### for small bend radii

### SAE 100 R16, exceeds SAE 100 R2

### Primary Applications/Restrictions

Many industrial and mobile applications, with typical usage seen on agricultural machines or in power steering circuits

### Applicable Specifications

ISO 11237 Type R16 – SAE 100 R16

### Hose Construction

**Tube:** Synthetic rubber  
**Reinforcement:** One steel wire Hi-Pac construction  
**Cover:** Synthetic rubber

### Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1,7 MPa, the hose cover must be pin-pricked.

Consult the chemical compatibility section in Catalogue C4400 on page Ab-16 for more detailed information.

**Temperature Range** –40 °C up to +125 °C

Exception: Air ..... max. +70 °C  
 Water ..... max. +85 °C

### Fittings Series

**46** **48**

### Parkrimp series fittings and crimpers

Parker's 441 hose is compatible with both 46 and 48 series fittings and the Parkrimp family of crimpers. From the assembly speed of the PHastkrimp to the portable ease of the KarryKrimpers, there is a Parkrimp machine that meets your needs. A broad range of fittings, with over 60 end configurations, combined with Parker hose and crimpers allows simple and safe assembly – whenever and wherever needed.



| Part Number<br>XXXX-XX-XX | Hose I.D. |      |      |      | Hose O.D.<br>mm | Pressure rating                      |      |                            |       | min. bend radius<br>mm | Weight<br>kg/m |
|---------------------------|-----------|------|------|------|-----------------|--------------------------------------|------|----------------------------|-------|------------------------|----------------|
|                           | DN        | Inch | Size | mm   |                 | max. dynamic working pressure<br>MPa | psi  | min. burst pressure<br>MPa | psi   |                        |                |
| 441-4                     | 6         | 1/4  | -4   | 6,3  | 13,4            | 34,5                                 | 5000 | 138,0                      | 20000 | 50                     | 0,27           |
| 441-5                     | 8         | 5/16 | -5   | 7,9  | 15,0            | 29,3                                 | 4250 | 117,0                      | 17000 | 55                     | 0,32           |
| 441-6                     | 10        | 3/8  | -6   | 9,5  | 17,4            | 27,5                                 | 4000 | 110,0                      | 16000 | 65                     | 0,42           |
| 441-8                     | 12        | 1/2  | -8   | 12,7 | 20,7            | 24,0                                 | 3500 | 96,0                       | 14000 | 90                     | 0,50           |
| 441-10                    | 16        | 5/8  | -10  | 15,9 | 23,8            | 19,0                                 | 2750 | 76,0                       | 11000 | 100                    | 0,65           |
| 441-12                    | 20        | 3/4  | -12  | 19,0 | 27,8            | 15,5                                 | 2250 | 62,0                       | 9000  | 120                    | 0,80           |
| 441-16                    | 25        | 1    | -16  | 25,4 | 35,8            | 13,8                                 | 2000 | 55,0                       | 8000  | 150                    | 1,22           |

The combination of high temperature and high pressure could reduce the hose life.  
 Reels (RL) available upon request. e. g. 441-xx-RL



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