



426 & 436 *No-Skive* Hoses for High Temperature Applications



- SAE 100 R1 AT / SAE 100 R16 – High Temperature specialty hoses
- Blue, PKR®, MSHA-accepted outer cover
- Ideal for a wide range of high temperature applications
- *No-Skive* design eliminates the need to remove the cover before attaching a fitting and crimping.

426/436 – *No-Skive* SAE 100 R1 AT / SAE 100 R16 High Temperature Hoses

Parker 426, 1 wire 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.

To complete the range of wire braided hoses for high temperature, Parker also has the 436 hose with 2 wire braids. The 436 hose meets the SAE 100 R16 pressure and bending radius specification, but is approved to work with petroleum based fluids oils up to 150 °C.

Both the 426 and the 436 hoses offer versatility, long service life and dependability for a wide range of applications and are approved with Parkrimp series fittings.

Features:

- SAE 100 R1 AT / SAE 100 R16 – high temperature specialty hoses
- Blue, PKR®, MSHA-accepted outer cover
- Ideal for a wide range of high temperature applications
- *No-Skive* design eliminates the need to remove the cover before attaching a fitting and crimping.

426/436 – *No-Skive* High Temperature Compact Hoses

Hose construction:

Synthetic Rubber tube; one or two braids of high tensile steel wire reinforcement separated by a synthetic rubber layer; oil, weather and abrasion resistant synthetic rubber blue cover.

Temperature range:-46 °C to +150 °C
Exceptions: Air* max. +70 °C
Water* max. +85 °C

Applications:

High pressure service with petroleum based hydraulic fluids, water*-glycol and water*-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air* and water*. Pin prick cover for air or gas applications above 17 bar (250 psi).

Crimped fittings: 48 series

Parkrimp series fittings and crimpers

Parker 426/436 hoses are compatible with 43/48 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 XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
426-4	6	1/4	-4	6,3	13,4	19,2	2750	77,0	11000	100	0,24
426-6	10	3/8	-6	9,5	17,4	15,7	2250	63,0	9000	125	0,34
426-8	12	1/2	-8	12,7	20,7	14,0	2000	56,0	8000	180	0,43
426-10	16	5/8	-10	15,9	23,9	10,5	1500	42,0	6000	200	0,49
426-12	20	3/4	-12	19,1	27,8	8,7	1250	35,0	5000	240	0,65
426-16	25	1	-16	25,4	35,8	7,0	1000	28,0	4000	300	0,98
436-6-BLU-RL	10	3/8	-6	9,5	17,0	27,5	4000	110,0	16000	65	0,42
436-8-BLU-RL	12	1/2	-8	12,7	20,0	24,0	3500	96,0	14000	90	0,51
436-10-BLU-RL	16	5/8	-10	15,9	24,0	19,0	2750	76,0	11000	100	0,66
436-12-BLU-RL	20	3/4	-12	19,1	28,0	15,5	2250	62,0	9000	120	0,80
436-16-BLU-RL	25	1	-16	25,4	36,0	13,8	2000	55,0	8000	150	1,22

The combination of high temperature and high pressure could reduce the hose life.
Crimped fittings for hose 426: 43 series for sizes -4 and -6; 48 series for sizes -8 to -16
Crimped fittings for hose 436: Parker 48 series
RL = only available on reels



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