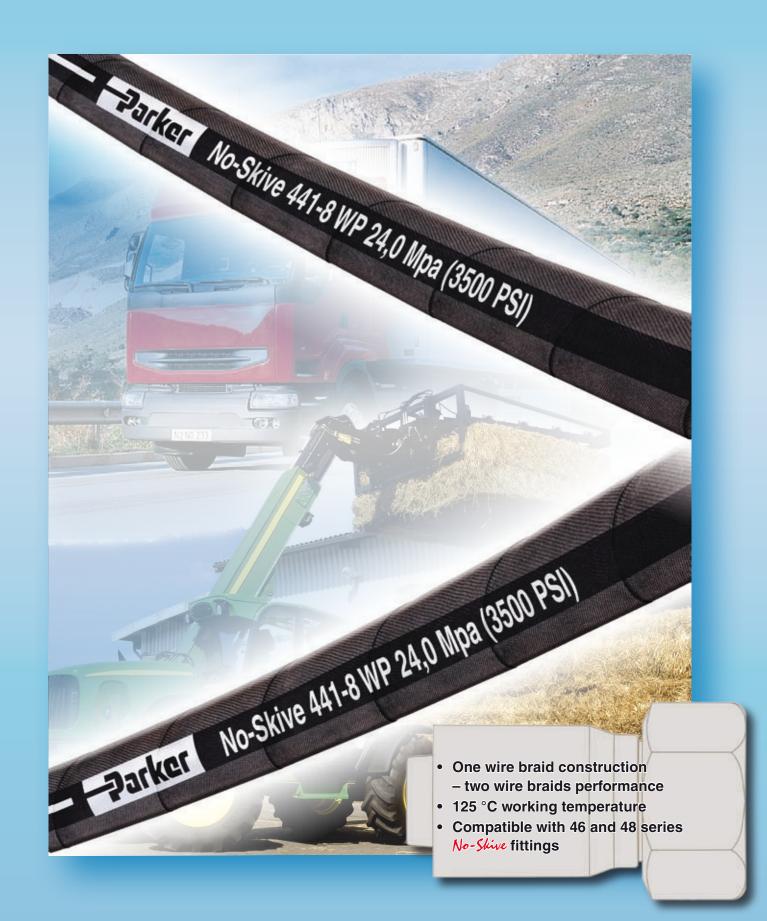


441 No-Shive Hi-Pac Compact Hose



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.

Parkrimp series fittings

Parker's 441 hose is

compatible with both 46 and 48 series fittings

family of crimpers. From

the assembly speed of

the PHastkrimp to the

KarryKrimpers, there is

a Parkrimp machine that

portable ease of the

meets vour needs.

fittings, with over 60

end configurations, combined with

A broad range of

Parker hose and

crimpers allows

simple and safe

assembly -

needed.

whenever and wherever

and the Parkrimp

and crimpers

Temperat	ure Range	-40 °C up to +125 °C
Exception:	Air	max. +70 °C
	Water	+85 °C
Fittings S	eries	46 48

XXXX-XX-XX XXXX-XX-XX Part Number	Hose I.D.				Hose O.D.	Pressure rating max. dynamic working pressure pressure			min. bend radius	Weight	
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg/m
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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