

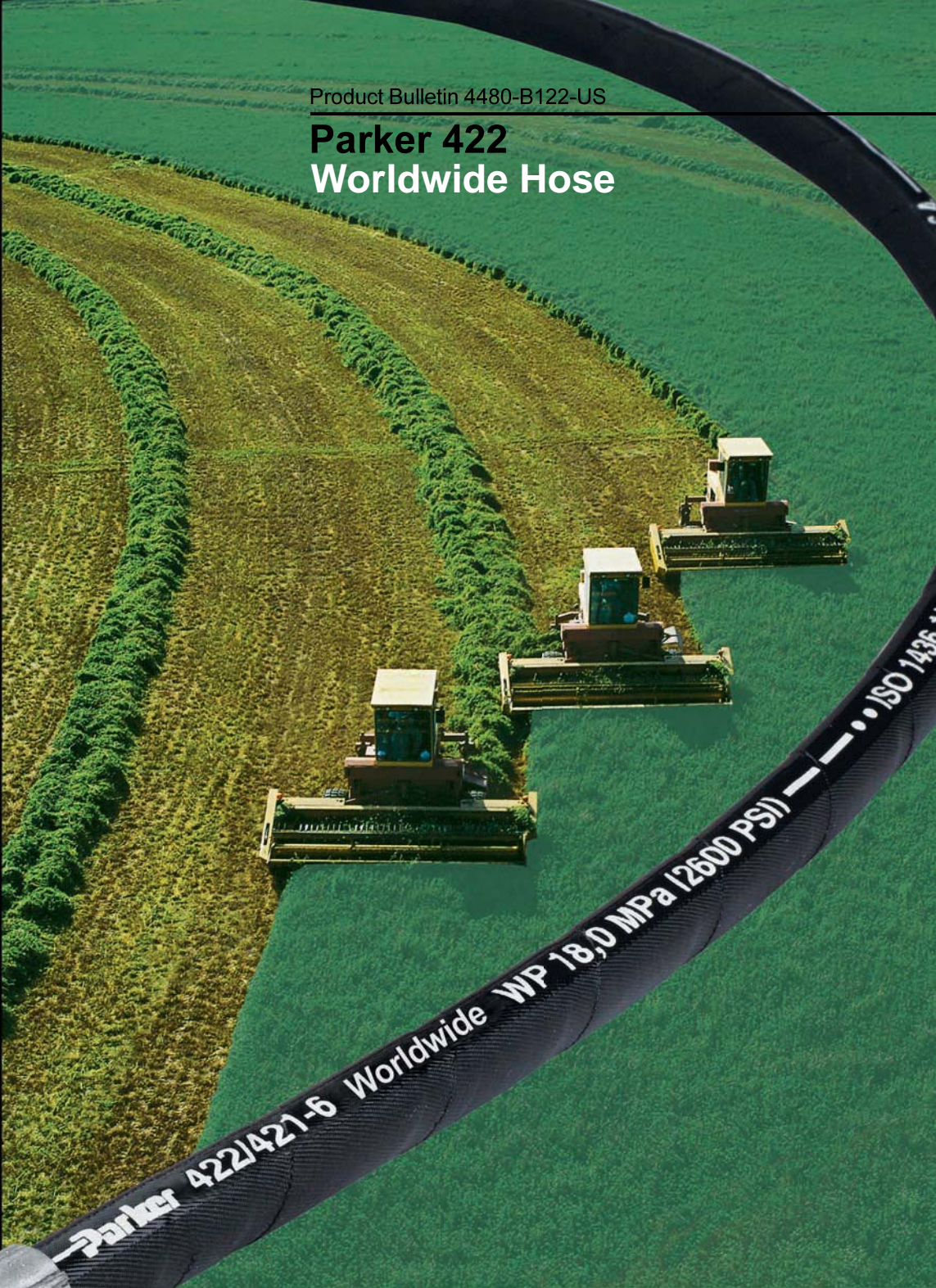
Product Bulletin 4480-B122-US

Parker 422 Worldwide Hose

One-wire braid hose design
manufactured to international
specifications (ISO 1436-1
Type 1SN)

Increased working pressures
for improved reliability and
expanded applications
versus standard SAE 100R1

Nitrile inner tube for greater
fluid compatibility and bio-oil
resistance



Parker is proud to expand its worldwide hose line, designed to accommodate global customer requirements. Manufactured to strict international specifications, Parker 422 offers customers consistency of performance combined with improved availability anywhere in the world.



The 422/421 advantage:
seamless application coverage and leak-free performance, anywhere and everywhere.



Features and benefits

- Higher working pressure than 421 series for improved reliability and expanded applications.
- Nitrile inner tube for improved fluid compatibility with a larger array of hydraulic fluids, including biodegradable.
- Meets ISO 1436-1 Type 1SN, SAE 100R1 Type AT, and EN 853 Type 1SN
- Rated at 4:1 burst pressure

Construction

Inner tube: Nitrile
Reinforcement: One-braid, high tensile steel wire
Cover: Synthetic rubber

Applications

- Agriculture -Forestry -Turf Care
- Construction -Automotive Plants -Transportation

Temperature

- -40°F to 212°F (-40°C to 100°C)
- Water, water/oil emulsion and water/glycol hydraulic fluids up to 185°F (85°C)
- Air up to 158°F (70°C)

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Field Attachable	
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	42 Series
422-4	1/4	6,3	0,53	13	3250	22,5	4	100	0,16	0,24	•	•
422-5	5/16	8	0,59	15	3125	21,5	4-1/2	115	0,18	0,27	•	•
422-6	3/8	10	0,68	17	2600	18,0	5	130	0,23	0,34	•	•
422-8	1/2	12,5	0,81	21	2325	16,0	7	180	0,29	0,43	•	•
422-10	5/8	16	0,94	24	1875	13,0	8	200	0,33	0,49	•	•
422-12	3/4	19	1,09	28	1525	10,5	9-1/2	240	0,42	0,63	•	•
422-16	1	25	1,41	36	1275	8,8	12	300	0,63	0,94	•	•
422-20	1-1/4	31,5	1,79	45	900	6,3	16-1/2	420	0,8	1,19	•	•
422-24	1-1/2	38	2	51	725	5,0	20	500	1,0	1,49	•	•
422-32	2	51	2,54	64	575	4,0	25	630	1,5	2,24	•	•

See Catalog 4400 or www.parkerhose.com for 43 and 42 Series Fitting Selection
Visit www.parkerhose.com to view **CrimpSource®**, the online resource for hose crimp specifications for the complete line of Parker crimping machines.

⚠ 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
- Electrocutation from high voltage electric power lines
- Contact with suddenly moving or falling objects that are controlled by the conveyed fluid
- Injections 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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Available with crimp or field-attachable fittings

Parker's 422/421 hose is designed to work with both our 43 series Parkrimp fittings and our 42 series field-attachable fittings.

Availability in over 85 end configurations, our 43 series fittings can be crimped with all of our Parkrimp crimpers, making leak-free assemblies a fast and easy process.



Our product allows you to be more environmentally friendly, from our nitrile hose inner tube to our chromium-6 free plating.



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