

Parker 302 Worldwide Hose

- Universal two-wire hose design manufactured to international specifications (ISO 1436-1 Type 2SN)
- Increased working pressures for improved reliability and expanded applications
- Nitrile inner tube for greater fluid compatibility and bio-oil resistance



The 302 advantage: seamless application coverage and leak-free performance, anywhere and everywhere.

The world standard in hose is now worldwide. Introducing Parker's 302 hose – a new universal two-wire construction hose designed to accommodate global customer requirements. Manufactured to strict international quality specifications, Parker 302 offers customers consistency of performance combined with improved availability anywhere in the world.

Designed to replace the existing 301 hose series, as well as its European counterpart, 301SN, Parker 302 offers higher working pressure, longer service life and better fluid compatibility.

Features and benefits

- Higher working pressures than the Parker 301 series for improved reliability and expanded applications
- Nitrile inner tube for better fluid compatibility with a larger array of hydraulic fluids, including biodegradable ones
- Meets ISO 1436-1 Type 2SN, SAE 100R2 Type AT, and EN 853 Type 2SN
- Rated at a 4:1 burst pressure

Construction

Inner tube: Nitrile rubber
 Reinforcement: Two braids steel wire
 Cover: Synthetic rubber



Temperature

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

Applications

- Automotive plant applications
- Forestry equipment
- Agricultural equipment
- Construction equipment

# Part Number	Hose ID		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series	Field Attachable 30 Series
	inch	mm	inch	mm	psi	Mpa	inch	mm	lbs/ft	kg/g		
302-4	1/4	6,3	0.59	15,0	5800	40	4	100	0.26	0,39	•	•
302-5	5/16	8	0.65	16,6	5000	35	4-1/2	115	0.28	0,42	•	•
302-6	3/8	10	0.75	19,0	4750	33	5	130	0.37	0,55	•	•
302-8	1/2	12,5	0.88	22,3	4000	28	7	180	0.45	0,67	•	•
302-10	5/8	16	1.00	25,5	3600	25	8	200	0.52	0,77	•	•
302-12	3/4	19	1.16	29,4	3100	21,5	9-1/2	240	0.67	1,00	•	•
302-16	1	25	1.50	38,1	2400	16,5	12	300	1.00	1,49	•	•
302-20	1-1/4	31,5	1.86	47,1	1800	12,5	16-1/2	420	1.16	1,73	•	•
302-24	1-1/2	38	2.14	54,5	1300	9	20	500	1.44	2,14	•	•
302-32	2	51	2.64	67,2	1150	8	25	630	1.99	2,96	•	•

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
- Electrocution 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.

Compatible with 43 Series and 30 Series Fittings

Parker's 302 hose is designed to work with both our 43 Series Parkrimp fittings and our 30 Series field-attachable fittings.

Available in more than 75 end configurations, our 43 Series fittings can be crimped with all of our Parkrimp crimpers, making leak-free assemblies a fast and easy process.



See Catalog 4400 or www.parkerhose.com for 43 and 30 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.

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