

772LT Spiral Hose

Low-temperature spiral hose
for extreme cold conditions



Extreme cold conditions call for an extreme hose.

Extreme conditions call for products that will perform above and beyond the others. Parker's new 772LT hose is designed to work in extremely cold conditions to -70°F (-57°C) without loss of performance. This means less downtime, less maintenance time and increased productivity. Its patent-pending design uses Parker's standard 71 Series fittings, providing a wide range of connection options and ease of crimping.



Contact Information: Product Features:

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- Compatible with petroleum-based hydraulic fluid
- -70°F to 212°F (-57°C to 100°C)
- Rated up to 4000 psi (28 MPa)
- Exceeds SAE 100R12 / ISO 3862-1 Type R12 / EN 856 Type R12
- No-skive design
- 4:1 safety factor










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772LT Specifications

Designed for high impulse, heavy-duty applications in extreme cold conditions, the 772LT hose is rated to -70°F (-57°C), addressing the needs of the most severe cold temperature

conditions. Its patent-pending design incorporates spiral reinforcement construction which provides longer life in heavy-duty applications compared to standard braided hose.

Making hose assemblies with the 772LT hose is easy as it uses standard 71 Series Parkrimp fittings and Parkrimp crimping equipment.

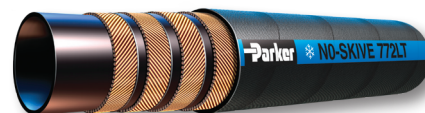
 Part Number	 Hose I.D.		 Hose O.D.		 Working Pressure		 Minimum Bend Radius		 Weight		 Parkrimp
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	71 Series
772LT-8	1/2	12,5	0.94	24	4000	28,0	7	180	0.62	0,93	•
772LT-10	5/8	16	1.08	27	4000	28,0	8	200	0.74	1,10	•
772LT-12	3/4	19	1.21	31	4000	28,0	9-1/2	240	0.94	1,40	•
772LT-16	1	25	1.50	38	4000	28,0	12	300	1.34	1,99	•

Phase 2 in development

772LT-20	1-1/4	31,5	1.84	46	3000	21,0	16-1/2	420	1.74	2,59	•
772LT-24	1-1/2	38	2.07	53	2500	17,5	20	500	2.01	2,99	•

Construction:

- Inner tube: Nitrile synthetic rubber
- Reinforcement: four spiral steel wire
- Cover: synthetic rubber
- Fittings: 71 Series
- Temperature: Petroleum base hydraulic fluids and lubricating oils -70°F to 212°F (-57°C to 100°C)
- Applications: snow grooming equipment; heavy construction equipment; sidebooms



772LT Hose

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 November, 2007). 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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