

# BLUE THUNDER® UHMWPE Chemical Hose

## Series 7373T



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Series 7373T is a high pressure suction and discharge hose designed to handle the vast majority of commonly used acids, chemicals and solvents. The ultra high molecular weight polyethylene (UHMWPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 180°F (82°C). The corrugated hose construction incorporates a dual wire helix that provides full suction capability, kink resistance, flexibility for ease of handling, and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the Safety and Technical Information section of this catalog for safety, handling and use information. Refer to the Media Compatibility section to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource).

# Part Number	ID		Reinf Layers	OD		Approx Wt		Min Bend Rad		Max WP		Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
	(in)	(mm)		(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(psi)	(bar)			
7373T-750	3/4	19.1	2	1.2	30.3	0.40	0.60	3	76	200	14	43	100	Coil
7373T-1000	1	25.4	2	1.5	37.0	0.55	0.82	3	76	200	14	43	100	Coil
7373T-1250	1-1/4	31.8	2	1.7	43.2	0.64	0.95	4	102	200	14	43	100	Coil
7373T-1500	1-1/2	38.1	2	2.0	49.9	0.79	1.18	5	127	200	14	43	100	Coil
7373T-2000	2	50.8	2	2.6	65.0	1.27	1.89	6	152	200	14	43	100	Coil
7373T-2500	2-1/2	63.5	4	3.2	80.1	1.73	2.58	7	178	200	14	*	100	Coil
7373T-3000	3	76.2	4	3.6	92.6	2.12	3.16	7	178	200	14	*	100	Coil
7373T-4000	4	101.6	4	4.7	120.0	3.02	4.50	8	203	200	14	*	100	Coil

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**Tube:** Translucent ultra high molecular weight polyethylene (UHMWPE)

**Reinforcement:** Multiple textile plies with dual wire helix

**Cover:** Blue EPDM; corrugated wrapped finish

**Temp. Range:** -40°F to +180°F (-40°C to +82°C)

**Brand Method:** Yellow text on blue stripe

**Brand Example:** PARKER SERIES 7373T BLUE THUNDER® UHMWPE TUBE MAX WP 200 PSI

**Design Factor:** 4:1

**Industry Standards:** None applicable

**Applications:**

- Acid, chemicals, solvents
- In-plant and storage tank transfer
- Delivery, transport

**Vacuum:** 29" Hg (737 mm Hg)

**Compare to:** Boston Chemcat; ContiTech Fabchem; Gates Renegade

### ⚠ WARNINGS!

- ▶ The data tables published in the Media Compatibility section of Catalog 4800 are based on tests and believed to be reliable—but the data should be used ONLY as a guide. The compatibility ratings for rubber/non-PVC materials apply to media at 70°F (21°C). However, chemicals may become increasingly aggressive as their temperatures progress above that level. Chemicals at elevated temperatures typically exceed the performance capability of a hose, even if that hose's general rating exceeds 70°F (21°C). Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, it is the user's responsibility to determine hose/chemical/temperature compatibility. All critical applications should be tested.
- ▶ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.