



## BLUE THUNDER® UHMWPE Chemical Hose

### Series 7373T

Series 7373T is a high pressure, high temperature suction and discharge hose designed to handle approximately 98% 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 250°F (121°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. Series 7373T is available in 200-foot continuous lengths.

**NOTE:** Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

<b>Tube:</b>	Translucent ultra high molecular weight polyethylene (UHMWPE)
<b>Reinforcement:</b>	Multiple textile plies with dual wire helix
<b>Cover:</b>	Blue EPDM; corrugated wrapped finish
<b>Temp. Range:</b>	-40°F to +250°F (-40°C to +121°C)
<b>Brand Method:</b>	Yellow text on blue stripe
<b>Brand Example:</b>	PARKER SERIES 7373T BLUE THUNDER® UHMWPE TUBE MAX WP 200 PSI MADE IN USA (LOT#)

**Design Factor:** 4:1

**Industry Standards:** None applicable

**Applications:**

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

**Vacuum:** Full

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

**Packaging:** Coils

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#### ⚠ WARNINGS!

- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- ▶ 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.

## Series 7373T Hose – Blue Thunder® UHMWPE Chemical Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7373T-750	3/4	19.1	2	1.193	30.3	0.40	0.18	3.0	76.2	200	13.8	43	100	Y
7373T-1000	1	25.4	2	1.457	37.0	0.55	0.25	3.0	76.2	200	13.8	43	100	Y
7373T-1250	1-1/4	31.8	2	1.700	43.2	0.64	0.29	4.0	101.6	200	13.8	43	100	Y
7373T-1500	1-1/2	38.1	2	1.965	49.9	0.79	0.36	5.0	127.0	200	13.8	43	100	Y
7373T-2000	2	50.8	2	2.560	65.0	1.27	0.58	6.0	152.4	200	13.8	43, RE, RST, TM, WC	100	Y
7373T-2500	2-1/2	63.5	4	3.154	80.1	1.73	0.78	7.0	177.8	200	13.8	*	100	N
7373T-3000	3	76.2	4	3.645	92.6	2.12	0.96	7.0	177.8	200	13.8	HAPS, RE, RST, TM	100	Y
7373T-4000	4	101.6	4	4.724	120.0	3.02	1.37	8.0	203.2	200	13.8	HAPS	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.