

Acid & Chemical

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Due to continual product improvements,
Parker/Dayco reserves the right to alter specifications without prior notice.



POLY-CHEM® Corrugated Hose

Series 7274

The Poly-Chem hose is designed to handle many types of chemicals and solvents in both **full suction and discharge applications**. This series has a corrugated cover that provides maximum flexibility for easy handling. The clear cross-linked polyethylene tube will handle many types of chemicals, acids and solvents without leaching and contaminating the product conveyed. Refer to the chemical guide in the Safety and Technical Data section of this catalog, or contact Parker/Dayco to determine compatibility with specific chemicals and applications.

4:1 Design factor

Tube:	Cross-Linked Polyethylene (XLPE)
Cover:	Corrugated green EPDM with yellow stripe
Reinforcement:	Textile Plies with Helix Wire
Temp. Range:	-20°F to +160°F (WARNING! Check chemical temperature & concentration)
Branding:	PARKER/DAYCO SERIES 7274 CORRUGATED POLY-CHEM® XXX PSI MAX WP MADE IN USA 001
Brand Description:	Tape Brand - Yellow stripe with green letters

Part No.	ID (in.)	ID (mm)	Reinf. Plies	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7274-1002	1	25.4	2	1.475	38.6	64	3.0	200
7274-1252	1 1/4	31.8	2	1.710	43.4	63	4.0	200
7274-1502	1 1/2	38.0	2	2.000	50.8	81	5.0	200
7274-2002	2	50.8	2	2.545	64.6	111	6.0	200
7274-2504	2 1/2	63.5	4	3.169	80.5	168	7.0	150
7274-3002	3	76.2	4	3.685	93.6	213	7.0	150
7274-4002	4	101.6	4	4.710	119.6	286	8.0	150

LENGTHS: 100 ft., lengths up to 200 ft. available on quotation.

COUPLINGS: Coupling style 7, 8, 10, 11, 14, 15, or for other coupling recommendations refer to NAHAD Assembly Guidelines. See Coupling Style Pages in the back of the catalog for coupling details.

WARNING! Combination nipple with bands reduces the working pressure of the assembly to less than the hose's max working pressure. Refer to NAHAD Assembly Guidelines for working pressure.

POLY-CHEM® Hose

Series 7276

POLY-CHEM® is a versatile hose handling many types of chemicals and solvents in both **full suction and discharge applications**. Clear, cross-linked polyethylene tube will not leach and contaminate product conveyed. Refer to the chemical guide in the Safety and Technical Data section of this catalog, or contact Parker/Dayco to determine compatibility with specific chemicals and applications.
4:1 Design factor

Tube: Cross-Linked Polyethylene (XLPE)
Cover: Green EPDM with yellow stripe
Reinforcement: Textile Plies with Helix Wire
Temp. Range: -20°F to +160°F (**WARNING!** Check chemical temperature & concentration)

Branding: PARKER/DAYCO SERIES 7276 POLY-CHEM® HOSE
 XXX PSI MAX WP MADE IN USA 001

Brand Description: Tape Brand - Yellow stripe with green letters

Part No.	ID (in.)	ID (mm)	Reinf. Plies	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7276-752	3/4	19.1	2	1.250	31.8	48	3.0	200
7276-1002	1	25.4	2	1.475	37.5	60	4.0	200
7276-1252	1 1/4	31.8	2	1.715	43.6	69	5.0	200
7276-1502	1 1/2	38.0	2	2.000	50.8	97	6.0	200
7276-2002	2	50.8	2	2.545	64.6	133	8.0	200
7276-3002	3	76.2	4	3.675	93.3	259	12.0	150
7276-4002	4	101.6	4	4.720	119.9	357	16.0	150
7276-6004	6	152.4	4	6.913	175.6	773	40.0	150

LENGTHS: 100 ft., lengths up to 200 ft. available on quotation.

COUPLINGS: Coupling style 7, 8, 10, 11, 14, or for other coupling recommendations refer to NAHAD Assembly Guidelines. See Coupling Style Pages in the back of the catalog for coupling details.

WARNING! Combination nipple with bands reduces the working pressure of the assembly to less than the hose's max working pressure. Refer to NAHAD Assembly Guidelines for working pressure.



Acid & Chemical
Air & Multi-Purpose
Fire Suppression
Food Handling
Made To Order
Material Handling
Petroleum Dispenser
Petroleum Transport
Petroleum LP Gas
Oil Field
Special Applications
Steam
Water
Welding
Couplings & Equipment
Safety & Tech Data
Chemical Charts

BLUE THUNDER™ UHMW Hose Series 7373T



WARNING! Elevated temperatures can change chemical resistance ratings. Most chemical resistance guides are based on testing performed at ambient/70°F (21°C) and higher temperatures are likely to change these ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of materials to withstand them. It is the users responsibility to determine if the hose is compatible with the application. Compatibility information can be requested from Parker/Dayco for chemicals at elevated temperatures, it will be necessary for users to perform compatibility testing if no data exists for the chemical at the temperature desired.

Also, coupling attachment becomes even more critical at elevated temperatures. Only permanent crimp, internal expanded or swage style fittings should be installed for applications with temperatures above 125°F. The working pressure of banded assemblies below 125°F should be reduced to maintain a 4:1 design factor based on the assembly burst capability.

This corrugated hose provides flexibility and durability in chemical **full suction and discharge applications**. The clear Ultra High Molecular Weight (UHMW) polyethylene tube will handle 98% of the most common chemicals without leaching and contaminating the product being conveyed. Refer to the chemical guide in the Safety and Technical Data section of this catalog, or contact Parker/Dayco to determine compatibility with chemicals and applications.
4:1 Design factor

Tube: Clear Ultra High Molecular Weight Polyethylene (UHMW)
Cover: Corrugated Blue EPDM
Reinforcement: Textile Plies with Helix Wire
Temp. Range: -40°F to +250°F (**WARNING!** Check chemical temperature & concentration)
Branding: PARKER/DAYCO SERIES 7373 BLUE THUNDER™
 UHMW TUBE MAX WP XXX PSI MADE IN USA 001
Brand Description: Tape Brand - Yellow ink lettering

Part No.	ID (in.)	ID (mm)	Reinf. Plies	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7373T-1000	1	25.4	2	1.475	37.5	61	3.0	200
7373T-1250	1 1/4	31.8	2	1.700	43.2	65	4.0	200
7373T-1500	1 1/2	38.0	2	1.965	49.9	83	5.0	200
7373T-2000	2	50.8	4	2.600	66.0	139	6.0	200
7373T-3000	3	76.2	4	3.645	92.6	218	7.0	200
7373T-4000	4	101.6	4	4.675	118.7	309	8.0	150

LENGTHS: 100 ft., lengths up to 200 ft. on quotation.
COUPLINGS: Coupling style 7, 10, 11, 14, or for other coupling recommendations refer to NAHAD Assembly Guidelines. See Coupling Style Pages in the back of the catalog for coupling details.
WARNING! Combination nipple with bands reduces the working pressure of the assembly to less than the hose's max working pressure. Refer to NAHAD Assembly Guidelines for working pressure.

Paint Fluid Hose

Nylon Tube Series 7108

Designed to handle both water and oil based paints in medium pressure applications. The Nylon 6 tube will handle ketone solvents, lacquers, thinners and paints with high aromatics, as well as many chemicals. Very flexible for ease of handling.

4:1 Design factor

WARNING! Do not use in high pressure paint spray applications requiring a statically conductive hose.

Tube: Nylon 6/6.6
Cover: Black Neoprene
Reinforcement: Multiple textile spirals
Temp. Range: 0°F to +200°F
Branding: PARKER/DAYCO SERIES 7108 PAINT FLUID HOSE
 3/8 ID (9.5MM) XXX PSI MAX WP MADE IN USA
 (DATE CODE)
Brand Description: Ink Brand - White letter color

Part No.	ID (in.)	ID (mm)	Reinf. Spirals	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7108-251	1/4	6.4	2	0.488	12.4	9	3.0	500
7108-381	3/8	9.5	2	0.680	17.3	16	4.0	500
7108-501	1/2	12.7	2	0.875	22.2	25	5.0	750

LENGTHS: Random lengths on nominal 500 ft. reels, 3 piece max., 50 ft. minimum length.

COUPLINGS: Coupling style 2, 3, 8, or for other coupling recommendations refer to NAHAD Assembly Guidelines. See Coupling Style Pages in the back of the catalog for coupling details.

THORO-SPRAY®

High Pressure Spray Hose – 800 PSI

Series 7180

Designed for agricultural and residential high pressure spray applications. The tube will handle most pesticides as well as liquid fertilizers. The cover is non-marking for safe use in residential areas.

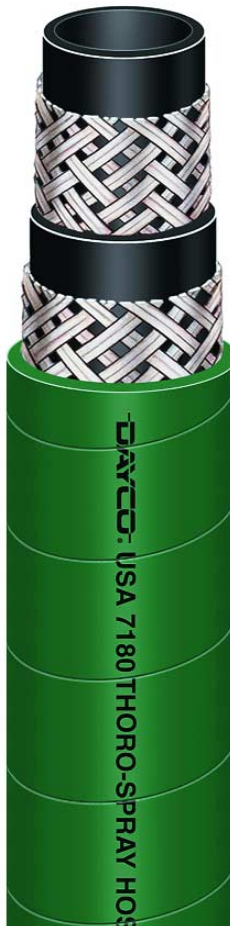
4:1 Design factor

Tube: Black Nitrile
Cover: Green Nitrile/PVC
Reinforcement: Multiple textile braids
Temp. Range: -20°F to +180°F
Branding: PARKER/DAYCO USA 7180 THORO-SPRAY®
 HOSE - 800 PSI MAX WP
Brand Description: Ink Brand - Black letter color

Part No.	ID (in.)	ID (mm)	Reinf. Braids	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7180-252	1/4	6.4	2	0.625	15.9	15	3.0	800
7180-382	3/8	9.5	2	0.750	19.1	20	4.0	800
7180-502	1/2	12.7	2	0.938	23.8	29	5.0	800
7180-752	3/4	19.1	2	1.250	31.8	48	6.5	800

LENGTHS: Random lengths on nominal 500 ft. reels, 5 piece maximum.

COUPLINGS: Coupling style 2, 3, 8, or for other coupling recommendations refer to NAHAD Assembly Guidelines. See Coupling Style Pages in the back of the catalog for coupling details.



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Water
Welding
Couplings & Equipment
Safety & Tech Data
Chemical Charts



Anhydrous Ammonia Hose

Series 7261–Stainless Steel Reinforced

WARNING! For Anhydrous Ammonia use **ONLY**. Do not use in LP Gas, Natural Gas or refrigeration applications. Do not use male swivel couplings. Use Parker recommended couplings **ONLY!**

WARNING! Contact with Anhydrous Ammonia will burn skin and is especially damaging to the eyes and lungs. This is true for its liquid and gaseous (vapor) state. Many accidents involving NH₃ have occurred by using the wrong hose. NH₃ hose must be specially compounded and constructed to handle the material. **NEVER** use a hose that is not designed for NH₃ because it may fail very quickly and cause bodily injury. It is, therefore, especially important to make sure that only Anhydrous Ammonia hose is recommended and used for this service. Refer to RMA Publications IP-14 "Anhydrous Ammonia Hose, specifications" and IP-11-2 "Anhydrous Ammonia Hose, Manual for Maintenance, Testing and Inspection".

Designed to handle anhydrous ammonia up to 350 PSI working pressure. Corrosion resistant high tensile stainless steel braid provides strong and flexible reinforcement.

Meets or exceeds RMA specifications.

Made to order only.

5:1 Design factor

Tube: Black EPDM
Cover: Perforated Black EPDM w/silver stripe
Reinforcement: One or multiple stainless steel braids, 1 textile braid
Temp. Range: -40°F to +180°F
Branding: (Side 1) PARKER/DAYCO USA 7261 SS ANHYDROUS AMMONIA-2003-REMOVE NO LATER THAN 2010-350 PSI MAX WP RMA(BATCH CODE)-CAUTION ANHYDROUS AMMONIA USE ONLY-2003-REMOVE NO LATER THAN 2010
(Side 2) Solid silver stripe
Brand Description: Side 1 - embossed, Side 2 - tape

Part No.	ID (in.)	ID (mm)	Reinf. Braids	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7261-1001	1	25.4	1	1.500	38.1	78	12.0	350
7261-1251	1 1/4	31.8	1	1.781	45.2	105	16.5	350
7261-1501K	1 1/2	38.1	1	2.032	51.6	114	20.0	350
7261-2002K	2	50.8	2	2.625	66.7	177	25.0	350

AVAILABILITY: Made-to-order and subject to minimum runs.

Sold to authorized couplers only.

LENGTHS: 1 in., 200 ft. nom. +/- 10%; 3 pcs. max., 45 ft. min. – 1-1/4 in., random 45 through 100 ft., 1 pc. per carton – 1-1/2 in. and 2 in. random lengths, 150 ft. pack, max. 3 pieces, 40 ft. min. length – in cartons.

COUPLINGS: **Only** Parker/Dayco permanent crimped couplings (refer to Parker/Dayco Industrial Hose Crimp Specifications). See Coupling Style Pages in the back of the catalog for coupling details.

Anhydrous Ammonia Hose

Series 7262–Nylon Reinforced

WARNING! For Anhydrous Ammonia use ONLY. Do not use in LP Gas, Natural Gas or refrigeration applications. Do not use male swivel couplings. Use Parker recommended couplings ONLY!

WARNING! Contact with Anhydrous Ammonia will burn skin and is especially damaging to the eyes and lungs. This is true for its liquid and gaseous (vapor) state. Many accidents involving NH₃ have occurred by using the wrong hose. NH₃ hose must be specially compounded and constructed to handle the material. NEVER use a hose that is not designed for NH₃ because it may fail very quickly and cause bodily injury. It is, therefore, especially important to make sure that only Anhydrous Ammonia hose is recommended and used for this service. Refer to RMA Publications IP-14 "Anhydrous Ammonia Hose, specifications" and IP-11-2 "Anhydrous Ammonia Hose, Manual for Maintenance, Testing and Inspection".

Designed to handle anhydrous ammonia up to 350 PSI working pressure. Degradation resistant tensile braids provide strong and flexible reinforcement. Meets or exceeds RMA and TFI (The Fertilizer Institute) specifications. Made to order only. 5:1 Design factor

Tube: Black EPDM
Cover: Perforated Black EPDM w/green stripe
Reinforcement: Multiple nylon braids.
Temp.Range: -40°F to +180°F
Branding: (Side 1) PARKER/DAYCO USA 7262 NYLON ANHYDROUS AMMONIA-2003-REMOVE NO LATER THAN 2009-350 PSI MAX WP RMA (BATCH CODE) CAUTION ANHYDROUS AMMONIA USE ONLY-2003-REMOVE NO LATER THAN 2009
(Side 2) Solid Green Stripe
Brand Description: Side 1 - Embossed, Side 2 - tape



Part No.	ID (in.)	ID (mm)	Reinf. Braids	OD (in.)	OD (mm)	Approx. Wt. Per 100 Ft.	Min. Bend Radius	Max. Rec. WP
7262-502	1/2	12.7	2	0.937	23.8	29	5.0	350
7262-752	3/4	19.1	2	1.250	31.8	47	8.0	350
7262-1002	1	25.4	2	1.500	38.1	57	10.0	350
7262-1252	1 1/4	31.8	2	1.750	44.5	68	12.0	350
7262-1502K	1 1/2	38.1	2	2.000	50.8	81	14.0	350
7262-2003K	2	50.8	3	2.750	69.9	166	16.0	350

AVAILABILITY: Made-to-order and subject to minimum runs.

Sold to authorized couplers only.

LENGTHS: 1/2 in. through 1 in., random lengths on reels, 5 pc. max., 50 ft. min. – 1-1/4 in., random 45 through 100 ft., 1-1/2 in. and 2 in. random lengths in 150 ft. pack, max. 3 pieces, 40 ft. min. length – in cartons.

COUPLINGS: Only Parker/Dayco permanent crimped couplings (refer to Parker/Dayco Industrial Hose Crimp Specifications). See Coupling Style Pages in the back of the catalog for coupling details.

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