



7274

Applications

- Chemical Transport
- Storage Tank Transfer

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 to determine compatibility with specific chemicals and applications. Validated permanent crimp specs are available.

4:1 Design factor

>> Compatible with 96% of chemicals and solvents

Tube	Cross-Linked Polyethylene (XLPE)
Cover	Corrugated green EPDM with yellow stripe
Reinforcement	Textile Plies with Helix Wire
Temperature Range	-20° F to +160° F (-29°C to +71°C) WARNING! Check chemical resistance guide beginning on page 222
Branding	PARKER SERIES 7274 CORRUGATED POLY-CHEM® XXX PSI MAX WP MADE IN USA 001
Brand Description	Tape Brand - Yellow stripe with green letters
Compare to	Goodyear Blue Flexwing; Gates Mustang 45HW; Titan Exact-Chem; Boston Panther Chemical Transfer

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

COUPLINGS: For permanent crimp specifications, refer to CrimpSource. Other available coupling options: Series 7670. For assembly guidelines and additional coupling options, refer to NAHAD Industrial Hose Assembly Guidelines.

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	1¼	31.8	2	1.710	43.4	63	4.0	200
7274-1502	1½	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
7274-2502	2½	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



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 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.



WARNING! Combination nipple and bands reduce the working pressure of the assembly to less than the hose's maximum working pressure. Refer to NAHAD Assembly Guidelines for working pressure.