



User-friendly flexibility, along with durability and its light weight make Chemcat® Petrochemical an ideal hose for your toughest applications!



Endures extremes of dirty harsh environments with ease.

Eaton applied more than a century of hose-manufacturing expertise to create Chemcat® – the ultimate hose for your petrochemical transfer needs.

The heart of Chemcat hose is an ultra-high molecular weight polyethylene tube with an extra-smooth bore. The smoothness of the inner wall allows easy fluid flow, even with resins. Without recesses to trap materials the tube permits easy cleaning.

Chemcat's special construction includes four textile spirals and a helical wire that allows user-friendly flexibility while adding strength making it durable, lightweight and flexible.

A tough EPDM rubber cover helps Chemcat hose withstand the extremes of dirty harsh environments. This cover compound offers excellent ozone, abrasion and chemical resistance for longer service life. It is the same cover compound found on the Panther® and Green Cross Linked® hoses; a couple other Eaton hoses you have learned to count on.

Features

- EPDM cover
- Clear UHMW polyethylene tube (FDA approved materials)
- Easy to maintain
- Continuous brand
- Ultra smooth tube
- Available in colors

Benefits






- Abrasion, chemical and ozone resistant; longer hose life
- Chemical, petroleum, solvent resistant; won't contaminate or discolor fluids
- May be cleaned with steam, open end discharge only
- Easy identification
- Performance
- Easy to clean
- Color coded hose systems



Powering Business Worldwide

Chemcat Petrochemical



#			Ply						Standard Length (ft)	
Product Number	Nominal I.D. (in)	(mm)		Nominal O.D. (in)	(mm)	Maximum Working Pressure (psi)	Minimum Bend Radius (in)	(mm)		Approximate Weight Per 100 Ft. Lbs.
H052312-150	3/4	19.1	2	1-13/64	30.6	200	4	101.6	31	150(PR & GN)
H052316-150	1	25.4	2	1-17/32	38.9	200	5-1/2	139.7	55	150(PR & GN)
H052320-150	1-1/4	31.8	2	1-7/8	47.6	200	6	152.4	67	150(PR & GN)
H052324-150	1-1/2	38.1	2	2-1/8	54.0	200	7-1/2	190.5	89	150(PR & GN)
H052332-150*	2	50.8	2	2-5/8	67.0	200	8	203.2	116	150(PR,GN*,&BU*)
H052340-150	2-1/2	63.5	2	3-1/8	79.4	200	8	203.2	142	150(PR & GN)
H052348-150*	3	76.2	2	3-5/8	92.2	200	9	229.0	168	150(PR,GN*,&BU*)
H052364-150*	4	101.6	2	4-43/64	118.7	150	15	381.0	226	150(PR & GN)
H052396-150*	6	152.4	4	7	177.8	150	30	762.0	721	150(PR & GN)

† Contact Eaton Technical Support at 1-888-258-0222 for higher temperature applications.

* MTO - Made to Order - Contact Eaton at 800-833-3837 for availability, minimum run quantity, and ordering information.

** **WARNING** – Elevated temperatures can change chemical resistance rating for Chemcat H0523 hose. Please refer to the Chemical Compatibility information in Section A. This information provides guidelines for the safe use of Eaton Industrial Hose and Tubing. The information shown was gathered through testing, and is accurate for controlled conditions (at 70°F unless otherwise noted). Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specifications. Contact Eaton for recommendation and assistance. It is the users responsibility to determine if the hose is compatible with the application.

Construction

Ultra High Molecular Weight Polyethylene (U.H.M.W.) FDA approved materials tubing with Fiber, 2 Ply or 4 Ply and Helical Wire reinforcement.

Temperature Range

-45°F to +250°F† Please refer to above warning**.

Coupling

'U' Series with 3/4", Cam and Groove or Swaged/Crimped.
Clamps—Interlocking or Band.

Markets

- Chemical/Petroleum industry
- In-plant transfer
- Mixing operations
- Forest products
- Lumber/Woodworking
- Plywood manufacturing
- Pulp processing
- Bulk hauling
- Barges
- Tank trucks
- Railroad tank car

Applications

- Transfer of acids, chemicals, solvents, and petroleum products
- Transfer of chemicals and solvents for processing wood products
- Loading and unloading, pumping, suction, or gravity flow discharge
- Food transfer

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