

Chem One™



Product Specifications

Application

For the transfer of a variety of current industrial chemicals used today. For use in pressure, gravity flow and/or suction service. (Refer to ContiTech Chemical Resistance Guide for compatibility.)

Construction

> Tube

Alphasyn® modified cross-linked polyethylene (Modified XLPE)

> Cover

Black corrugated abrasion-resistant Omegasyn EPDM. Color options have an EPDM cover

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Packaging

Coiled and poly-wrapped. Contact customer service for cut lengths.

Branding

Example: Chem One™ Chemical Transfer Hose Alphasyn® 200 psi WP Continental ContiTech

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications

Order Codes

546-661 (black)	546-511 (white)
546-506 (green)	546-519 (orange)
546-507 (blue)	546-521 (gray)
546-508 (red)	546-527 (brown)
546-509 (purple)	546-556 (black/chrome mandrel)
546-510 (yellow)	546-590 (ARC)

Chem One™

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	in.	mm	in.	mm	lb./ft.	kg/m	
20408836	3/4	19.0	1.2	30.8	200	1.38	2	50.8	29	737	0.41	0.62
20408837	1	25.3	1.4	37.2	200	1.38	3	76.2	29	737	0.51	0.77
20408838	1¼	32.0	1.6	42.3	200	1.38	3	76.2	29	737	0.55	0.82
20408870	1½	38.0	1.9	48.7	200	1.38	4	101.6	29	737	0.66	0.99
20408871	2	51.0	2.4	61.9	200	1.38	5	127.0	29	737	0.89	1.33
20408872	2½	63.0	2.9	76.2	200	1.38	6	152.4	29	737	1.31	1.96
20408873	3	76.0	3.4	89.2	200	1.38	8	203.2	29	737	1.59	2.37
20408813	4	102.0	4.5	115.0	200	1.38	11	279.4	29	737	2.23	3.32

Hose design ratio (burst pressure) 4:1.



Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
 Liquid Transfer
 Washdown

Marine

Material Handling

Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum

Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
 Transfer Discharge
 Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
 Suction & Discharge
 Washdown
 Garden

Welding

Coupling Systems

Equipment

Appendix