

# CHEMICAL TRANSFER

## FABCHEM™ PLIOSYN™ (UHMWPE) TUBE



<b>APPLICATION:</b>	A significant improvement to Goodyear's chemical hose line. It handles the majority of common industrial chemicals in pressure, gravity flow, and suction service.
<b>CONSTRUCTION</b>	
<b>TUBE:</b>	Pliosyn Ultra-High Molecular Weight Polyethylene (UHMWPE)
<b>COVER:</b>	Green Versigard® synthetic rubber with bright orange longitudinal stripe, corrugated (wrapped impression)
<b>REINFORCEMENT:</b>	Spiral-plyed synthetic fabric with double wire helix
<b>TEMPERATURE:</b>	-40°F to 150°F (-40°C to 66°C)
<b>PACKAGING:</b>	100' exact length, coiled, polywrapped
<b>BRANDING:</b>	Continuous spiral brand "Goodyear" Fabchem Chemical Transfer Hose, 200 psi WP."
<b>COUPLINGS:</b>	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
<b>NON-STOCK/SIZES:</b>	Refer to page 300 for special production run minimum requirements.
<b>ORDER CODES:</b>	546-065

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>psi</i>	<i>Mpa</i>	<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>lb./ft.</i>	<i>kg./m</i>
1/2	12.7	0.95	24.1	200	1.38	3	76	29	737	0.33	0.49
3/4	19.1	1.22	31.0	200	1.38	4	89	29	737	0.46	0.68
1	25.4	1.47	37.3	200	1.38	4	102	29	737	0.60	0.89
1 1/4	31.8	1.73	43.9	200	1.38	4	102	29	737	0.73	1.09
1 1/2	38.1	1.97	50.0	200	1.38	5	127	29	737	0.84	1.25
2	50.8	2.55	64.8	200	1.38	6	152	29	737	1.22	1.82
2 1/2	63.5	3.14	79.8	200	1.38	8	203	29	737	1.78	2.65
3	76.2	3.63	92.2	200	1.38	9	229	29	737	2.11	3.14
4	101.6	4.67	118.6	200	1.38	10	254	29	737	2.81	4.18

Note: Refer to the Goodyear Chemical Resistance Chart on page 240 for Specific Chemical and Temperature Compatibility.