

## Purple Flexwing®



### Application

A versatile hose developed to handle a wide range of chemicals, acids, and alcohols in both suction and discharge service.

### Construction

**Tube:** Black Versigard® synthetic rubber  
**Cover:** Purple Versigard® with yellow spiral brand (wrapped impression)  
**Reinforcement:** Sprial-plied synthetic fabric with double wire helix

### Temperature

-40°F to 220°F (-40°C to 104°C)

### Packaging

100' exact length, coiled, polywrapped

Part #	NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
	in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m
24-FIEXWING-PR	1-1/2	38.10	2.02	51.31	150	1.03	4	102	29	736.6	0.95	1.41
32-FIEXWING-PR	2	50.80	2.53	64.26	150	1.03	5	127	29	736.6	1.16	1.73
48-FIEXWING-PR	3	76.20	3.58	90.93	150	1.03	7	178	29	736.6	2.00	2.98
64-FIEXWING-PR	4	101.60	4.69	119.13	150	1.03	10	254	29	736.6	3.03	4.51

Couplings - Contact D.F. Burnham for proper fitting recommendation.

**Industrial  
Hose**



**Fabchem™  
Pliosyn™ (UHMWPE) Tube**



**Application**

A significant improvement to Goodyear's chemical hose line. It handles the majority of common industrial chemicals in pressure, gravity flow, and suction service.

**Construction**

- Tube:** Pliosyn Ultra-High Molecular Weight Polyethylene (UHMWPE)
- Cover:** Green Versigard® synthetic rubber with bright orange longitudinal stripe, corrugated (wrapped impression)
- Reinforcement:** Sprial-plied synthetic fabric with double wire helix

**Temperature**

-40°F to 150°F (-40°C to 66°C)

**Packaging**

100' exact length, coiled, ploywrapped

Part #	NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
	in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg/m
08-FABCHEM	1/2	12.70	0.95	24.13	200	1.38	3.0	76	29	736.6	0.33	0.49
12-FABCHEM	3/4	19.05	1.22	30.99	200	1.38	3.5	89	29	736.6	0.46	0.68
16-FABCHEM	1	25.40	1.47	37.34	200	1.38	4.0	102	29	736.6	0.60	0.89
20-FABCHEM	1-1/4	31.75	1.73	43.94	200	1.38	4.0	102	29	736.6	0.73	1.09
24-FABCHEM	1-1/2	38.10	1.97	50.04	200	1.38	5.0	127	29	736.6	0.84	1.25
32-FABCHEM	2	50.80	2.55	64.77	200	1.38	6.0	152	29	736.6	1.22	1.82
40-FABCHEM	2-1/2	63.50	3.14	79.76	200	1.38	8.0	203	29	736.6	1.78	2.65
48-FABCHEM	3	76.20	3.63	92.20	200	1.38	9.0	229	29	736.6	2.11	3.14
64-FABCHEM	4	101.60	4.67	118.62	200	1.38	10.0	254	29	736.6	2.81	4.18

Couplings - Contact D.F. Burnham for proper fitting recommendation.

**Industrial  
Hose**



## Hi-per®



### Application

A premium hose which is Teflon® lined to handle a broad spectrum of fluids and materials in a wide variety of applications.

### Construction

- Tube:** Teflon® Fluoroethylenepropylene (FEP) has FDA/USDA compliant materials
- Cover:** Green Versigard® synthetic rubber with spiral white stripe (wrapped impression)
- Reinforcement:** Sprial-plyed synthetic fabric with double wire helix

### Temperature

-40°F to 300°F (-40°C to 149°C)

### Packaging

Custom lengths available (minimum 5')

Part #	NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
	in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg/m
08-HI-PER	1/2	12.70	0.97	24.64	200	1.38	3.0	76	29	736.6	0.37	0.55
12-HI-PER	3/4	19.05	1.11	28.19	200	1.38	5.0	127	29	736.6	0.56	0.83
16-HI-PER	1	25.40	1.52	38.61	200	1.38	7.5	191	29	736.6	0.71	1.06
20-HI-PER	1-1/4	31.75	1.73	43.94	200	1.38	11.0	279	29	736.6	0.84	1.25
24-HI-PER	1-1/2	38.10	2.13	54.10	200	1.38	14.0	356	29	736.6	1.24	1.85
32-HI-PER	2	50.80	2.69	68.33	200	1.38	18.0	457	29	736.6	1.71	2.54
40-HI-PER	2-1/2	63.50	3.14	79.76	200	1.38	22.0	559	29	736.6	2.01	2.99
48-HI-PER	3	76.20	3.67	93.22	200	1.38	35.0	889	29	736.6	2.52	3.75

Couplings - Contact D.F. Burnham for proper fitting recommendation.

**Industrial  
Hose**



## Green XLPE Cross Link Polyethylene



### Application

Handles the majority of today's industrial chemicals in pressure, gravity flow, or suction service.

### Construction

**Tube:** Clear Speclar™ synthetic rubber Cross-Linked Polyethylene (XLPE)

**Cover:** Green Versigard® synthetic rubber with spiral white stripe (wrapped impression)

**Reinforcement:** Spiral-plyed synthetic fabric with double wire helix

### Temperature

-25°F to 150°F (-32°C to 66°C)

### Packaging

100' exact length, coiled, ploywrapped

Part #	NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
	in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
08-XLPE-GN	1/2	12.70	0.97	24.64	150	1.03	6	152	29	736.6	0.31	0.46
12-XLPE-GN	3/4	19.05	1.23	31.24	150	1.03	7	178	29	736.6	0.44	0.65
16-XLPE-GN	1	25.40	1.47	37.34	150	1.03	8	203	29	736.6	0.54	0.80
20-XLPE-GN	1-1/4	31.75	1.73	43.94	150	1.03	9	229	29	736.6	0.66	0.98
24-XLPE-GN	1-1/2	38.10	2.03	51.56	150	1.03	10	254	29	736.6	0.92	1.37
32-XLPE-GN	2	50.80	2.61	66.29	150	1.03	12	305	29	736.6	1.32	1.96
40-XLPE-GN	2-1/2	63.50	3.11	78.99	150	1.03	15	381	29	736.6	1.65	2.46
48-XLPE-GN	3	76.20	3.61	91.69	150	1.03	18	457	29	736.6	2.02	3.01
64-XLPE-GN	4	101.60	4.69	119.13	150	1.03	24	610	29	736.6	2.95	4.39

Couplings - Contact D.F. Burnham for proper fitting recommendation.

**Industrial  
Hose**

