

## H45 - EXTREMEFLEX® VERSIFLO 150

### EPDM SYNTHETIC RUBBER HOSE



CODE	ID		NOM. OD	MAX WP	BEND RADIUS	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(mm)	(kg/m)	(m)
H45-025	1	25.4	35.5	150	25.4	0.60	30.48
H45-032	1¼	31.8	41.1	150	32	0.85	30.48
H45-038	1½	38.1	47.4	150	37.1	0.85	30.48
H45-050	2	50.8	60.1	150	50.8	1.10	30.48
H45-065	2½	63.5	75.1	150	63.5	1.10	30.48
H45-075	3	76.2	87.8	150	76.2	1.55	30.48
H45-100	4	101.6	114.5	150	101.6	1.55	30.48

#### Application:

This is a general purpose water suction and discharge hose for light to medium duty applications. It can be used in various industrial applications, as well as Agricultural applications thanks to the EPDM compounds used in the cover and tube. Users will see large benefits in handling this hose, especially flexibility and force to bend properties, when comparing to a standard smooth cover hose.

#### Construction Tube:

Black EPDM.

#### Cover:

Corrugated Black EPDM.

#### Reinforcement:

Spiral-plied fabrics & double helix wires.

#### Temperature Range:

-40°C to 93°C

#### Branding:

Example-, Continental ContiTech Plicord ExtremeFlex® Versiflo 150psi WP Water S&D.

#### Safety Factor:

3:1.

## H29 - PLICORD® EXTREMEFLEX™ PETROLEUM TRANSFER NITRILE SYNTHETIC RUBBER HOSE

**4:1**  
**SAFETY**  
**FACTOR**



CODE	ID		NOM. OD	MAX WP	BEND RADIUS	VACUUM HG	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(mm)	(mm)	(kg/m)	(m)
H29-020	3/4	19	30.5	250	19.05	737	0.62	30.48
H29-025	1	25	36.8	250	25.40	737	0.81	30.48
H29-032	1¼	32	42.5	250	32.00	737	0.88	30.48
H29-038	1½	38	48.5	250	37.10	737	1.08	30.48
H29-045	1¾	44	55.8	250	44.00	737	1.28	121.92
H29-050	2	50	61.8	250	50.80	737	1.46	30.48
H29-065	2½	63	76.1	200	63.50	737	2.10	30.48
H29-075	3	75	88.8	200	76.20	737	2.51	30.48
H29-090	3½	88	103.6	150	88.00	737	3.21	30.48
H29-100	4	100	115.7	150	101.6	737	3.61	30.48
H29-150	6	150	168.1	150	150.0	737	6.61	30.48

### Application:

An extremely flexible and lightweight drop hose for use in tank truck and in-plant operation to transfer diesel, ethanol, gasoline, oil and petroleum base products up to 60% aromatic content. Corrugated construction for lower drag coefficient and superior abrasion resistance.

### Construction Tube:

Black Nitrile synthetic rubber (Class A oil resistance).

### Cover:

Black Chemivic™ synthetic (corrugated).

### Reinforcement:

Spiral plied synthetic fabric with wire helix.

### Temperature Range:

-40°C to 93°C

### Branding:

Example: Plicord™ ExtremeFlex™ Petroleum Transfer.

### Safety Factor:

4:1

## H31 - PLICORD® EXTREMEFLEX™ BROWN

### NITRILE SYNTHETIC RUBBER HOSE



CODE	ID		NOM. OD	MAX WP	BEND RADIUS	VACUUM HG	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(mm)	(mm)	(kg/m)	(m)
H31-025	1	25	36	150	38.1	737	0.75	30.48
H31-032	1¼	32	41.50	150	50.80	737	0.85	30.48
H31-038	1½	38	48.70	150	57.20	737	1.10	30.48
H31-050	2	50	61.90	150	76.00	737	1.45	30.48
H31-075	3	75	89.80	150	114.0	737	2.68	30.48
H31-100	4	100	116.1	150	114.4	737	3.68	30.48

#### Application:

A high-tech, flexible and versatile chemical hose capable of handling a wide variety of acids, alcohols, salt solutions and petroleum-based products.

#### Construction Tube:

Black Chemrin® (CPE) synthetic rubber.

#### Cover:

Corrugated Brown EPDM synthetic rubber with white spiral stripe.

#### Reinforcement:

Spiral plied synthetic fabric with double wire helix.

#### Temperature Range:

-34°C to 135°C

#### Branding:

Example: Continental ContiTech® Plicord® ExtremeFlex™ Brown w/ Chemrin™ 150 PSI. Made In Canada.

#### Safety Factor:

4:1

## HO7 - BLUE PLICORD® EXTREMEFLEX™ FOOD GRADE NITRILE SYNTHETIC RUBBER HOSE



CODE	ID		NOM. OD	MAX WP	BEND RADIUS	VACUUM HG	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(mm)	(mm)	(kg/m)	(m)
H07-020	3/4	19	30.5	150	50	737	0.70	30.48
H07-025	1	25	36.8	150	25	737	0.88	30.48
H07-032	1¼	32	42.2	150	32	737	0.94	30.48
H07-038	1½	38.1	49.3	150	38	737	1.15	30.48
H07-050	2	51.2	62.0	150	51	737	1.48	30.48
H07-065	2½	63.7	77.5	150	63	737	2.38	30.48
H07-075	3	76.1	89.9	150	76	737	2.79	30.48
H07-100	4	102.1	116.6	150	102	737	3.98	30.48

For Continental ContiTech® food compliance information, see Appendix C. 3/4 hose supplied as White Flexwing

### Application:

A high-tech, flexible corrugated hose with pretzel-like agility and proven performance. Best of all, it's available at a non-corrugated price, making it a great value. With ExtremeFlex, there's even more to appreciate:

- **Flexible Handling:** Easier to move in and out of tight spaces and around sharp corners.
- **Lightweight:** Easier to lift and carry, so there are fewer workplace injuries.
- **Lower Force to Bend:** Easier to connect and disconnect keeping productivity high.

### Construction Tube:

White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A Sanitary Standard 18-03).

### Cover:

Blue Chemivic™ corrugated synthetic rubber (wrapped impression).

### Reinforcement:

Spiral-plied synthetic fabric with galvanized wire helix.

### Temperature Range:

-32°C to 100°C

### Branding:

Continental ContiTech® Plicord™ ExtremeFlex™ Food Grade 150 PSI WP.

## B51 - ARTRAC® POLYURETHANE/PVC HOSE



CODE	ID		NOM. OD	MAX WP	BEND RADIUS	VACUUM HG	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(mm)	(mm)	(kg/m)	(m)
B51-032	1¼	19	41.4	45	76	737	0.51	30.48
B51-038	1½	38	48.0	40	81	737	0.60	30.48
B51-050	2	50	62.7	40	140	737	1.00	30.48
B51-065	2½	63	77.5	35	152	737	1.29	30.48
B51-075	3	75	93.7	30	191	737	1.73	30.48
B51-100	4	100	122.2	30	279	737	3.21	30.48
B51-125	5	125	146.8	30	381	737	3.87	30.48
B51-150	6	150	179.8	25	508	737	5.10	30.48
B51-200	8	200	234.2	20	762	737	8.69	6.1

### Application:

The Artrac® hose is used for a variety of abrasive, material-handling applications to transfer sand, gravel, cement, fly ash, glass, metals, plastic pellets, fertilizers, rock salts and slurries.

### Construction Tube:

Thermoplastic alloyed blend of polyurethane and PVC (static dissipating/static conductive).

### Cover:

Thermoplastic alloyed blend of nitrile, polyurethane, and PVC (nonconductive).

### Reinforcement:

Rigid high-density PVC helix.

### Temperature Range:

-40°C to 70°C

### Branding:

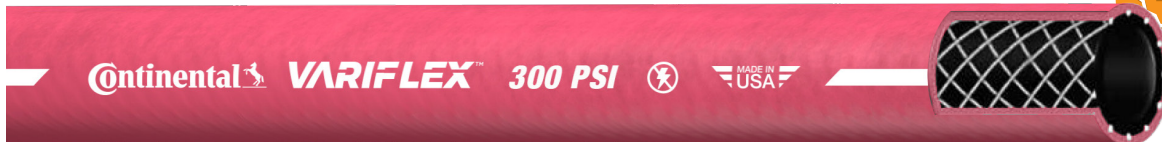
Not branded.



## E22 - RED VARIFLEX

### NITRILE SYNTHETIC RUBBER HOSE

**4:1**  
**SAFETY**  
**FACTOR**



CODE	ID		NOM. OD	MAX WP	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(kg/m)	(m)
E22-006	1/4	6	13.5	300	0.21	152.4
E22-008	5/16	8	16.0	300	0.27	152.4
E22-010	3/8	10	17.5	300	0.28	152.4
E22-012	1/2	12	21.3	300	0.39	152.4
E22-016	5/8	16	25.4	300	0.49	152.4
E22-020	3/4	19	28.7	300	0.63	152.4
E22-025	1	25	38.1	300	0.92	137.2

#### Application:

A good-quality, economical general purpose hose for industrial air service, compressor lines, pneumatic tools, low-pressure spray and many other applications where the need for oil resistance is moderate. Non-conductive, minimum electrical resistance greater than one (1) egohm per inch of length of hose at 1000 V DC.

#### Construction Tube:

Nitrile synthetic rubber, RMA Class A (high oil resistance).

#### Cover:

Red Chemivac™ synthetic rubber, RMA Class A (high oil resistance).

#### Reinforcement:

Spiral synthetic yarn (3/16" - VA"), braided synthetic yarn (2).

#### Temperature Range:

-29°C to 99°C

#### Branding:

Example: Variflex® Nonconductive 1/2" (12.7 mm) 200 psi WP. Made in USA. Continental ContiTech®.

#### Safety Factor:

4:1

## E23 - YELLOW FRONTIER® EPDM SYNTHETIC RUBBER HOSE



CODE	ID		NOM. OD	MAX WP	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(kg/m)	(m)
E23-010	3/8	10	17.8	250	0.25	152.4
E23-012	1/2	12	21.3	250	0.33	152.4
E23-020	3/4	19	29.0	250	0.52	152.4
E23-025	1	25	36.8	250	0.80	137.2

### Application:

An economical air and water hose. Frontier® is for a wide range of industrial, construction and agricultural applications.

### Construction Tube:

EPDM synthetic rubber, RMA Class C (Limited Oil Resistance).

### Cover:

Yellow EPDM synthetic rubber.

### Reinforcement:

Spiral synthetic yarn, 2' is braided.

### Temperature Range:

-40°C to 99°C

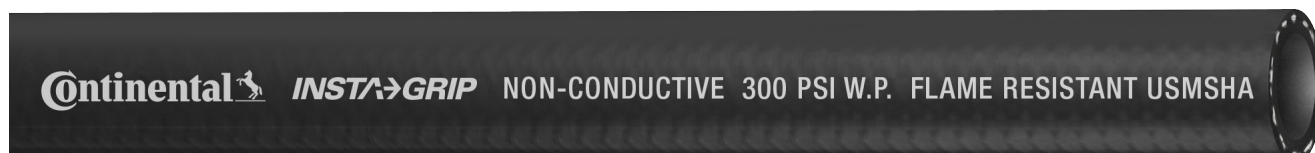
### Branding:

Example: 1/2" Frontier" Continental ContiTech® 250 psi WP.

### Safety Factor:

4:1

## E10 - INSTA-GRIP™ 300 BLACK - PUSH ON SYNTHETIC RUBBER HOSE



CODE	ID		NOM. OD	MAX WP	BEND RADIUS	WEIGHT	ROLL LENGTH
	(in)	(mm)	(mm)	(psi)	(mm)	(kg/m)	(m)
E10-010	3/8	10	17.5	300	76	0.21	152.4
E10-012	1/2	12	20.6	300	127	0.25	152.4

### Application:

For use with push-on fittings at working pressures of 300 psi. For low-pressure hydraulic and pneumatic systems such as shop air systems, general industrial, maintenance and automotive assembly applications. Non-conductive, minimum electrical resistance, greater than one (1) megohm per inch of hose length at 1000 Volts DC. MSHA approved covers.

### Construction Tube:

Silicone is not used in the manufacturing of this hose. Chemivac™ oil- and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance).

### Cover:

Black MSHA approved, weather-, abrasion- and oil-resistant synthetic rubber. RMA Class B. (Medium Oil Resistance).

### Reinforcement:

Braided (1) high-strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability.

### Temperature Range:

-40°C to 89°C

### Branding:

Example: Insta-Grip™ 1/4" 300 psi WP Flame Resistant USMSHA 2G-IC-14C/33. Made in USA. Continental ContiTech®.

### Safety Factor:

4:1



## E05 - BLACK HEATER HOSE

### EPDM SYNTHETIC RUBBER HOSE



CODE	ID DESCRIPTION	MAX WP (psi)	ROLL LENGTH (m)
E05-012	1/2" (12mm)	60	152.4
E05-016	5/8" (16mm)	60	152.4
E05-020	3/4" (19mm)	50	152.4
E05-025	1" (25mm)	45	137.2

#### Application:

This high-quality hose is designed to operate under normal operating conditions. Specially compounded to provide long service life on most vehicles at an affordable price. Similar to SAE 20R3 Class D2 specifications.

#### Tube:

Black EPDM to resist ozone, heat and oil.

#### Cover:

Black EPDM to resist ozone, heat and oil.

#### Reinforcement:

Synthetic Textile.

#### Branding:

Example "Continental ContiTech®™ Heater hose 1/2" (13mm) Made in USA".

#### Temperature Range:

-40°C to 121°C

## E07 - BLUE FORTRESS 300 WITH MICROBAN®

### NITRILE SYNTHETIC RUBBER HOSE

Continental  FORTRESS® 300 with MICROBAN® 

CODE	ID		NOM. OD	MAX WP	WEIGHT	ROLL LENGTH
	(in)	(mm)				
E07-012	1/2	12	22.8	300	0.45	152.4
E07-020	3/4	19	30.2	300	0.65	152.4
E07-025	1	25	38.1	300	0.95	137.2

#### Application:

A high-quality construction for hot water up to 200°F (99°C) cleanup service in food processing plants, dairies, packing houses, bottling plants, breweries, canneries and creameries. Its super abrasion and oil-resistant cover provides maximum protection against the adverse effects of oil and animal fats. The cover of our Blue Fortress' 300 hose incorporates Microban's® antimicrobial built-in product protection. The white tube is comprised of FDA compliant materials.

#### Construction Tube:

White FDA compliant Nitrile synthetic rubber.

#### Cover:

Blue Carbryn™ synthetic rubber, RMA Class A (High Oil Resistance) with Microban® product protection.

#### Reinforcement:

Spiral synthetic yarn.

#### Temperature Range:

-29°C to 99°C

#### Branding:

Example: Fortress® 300 with Microban® Antimicrobial Product Protection 3/4" 300 psi WP. Made in USA. Continental ContiTech®

#### Safety Factor:

4:1