

## Novaflex®

## Heavy Duty Dock Hose

### When Flexibility is a Must!

Designed specifically to transfer petroleum products from tankers, barges, and storage tanks

#### Uni-OIL™ GG Standard Petroleum Service

Designed to transfer a wide range of petroleum products

#### Uni-ZENE™ Special Petroleum Hose

Designed to handle modern gasoline additives such as MTBE, 100% Benzene and Methanol

#### Uni-VR™ Vapor Recovery Service

Ideal for petroleum and petrochemical vapor recovery systems

All composite hoses are constructed to marine service specifications in accordance with U.S. Coast Guard and I.M.O. regulations. Composite hoses offer a complete range of films, fabrics and covers to meet all your standard and custom hose requirements

#### Heavy Duty OS&D

Designed specifically for transferring petroleum products to and from tankers, barges and storage tanks. All weather cover resistant to oil, cuts, scuffs and ozone attack.

#### Heavy Duty OS&D Corrugated

Designed for barge unloading where flexibility and ease of handling are a must.

All weather cover resistant to oil, cuts, scuffs and ozone attack. Unique interlock construction for extreme flexibility and kink resistance. Special tire cord reinforcement. External wear rib prevents damage from abrasion. Corrugated or smooth cover. Dual wire helix & crush resistant. Manufactured in accordance with BS1435 and BSEN1765 2004.



The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: [www.novaflex.com](http://www.novaflex.com) | [www.z-flex.com](http://www.z-flex.com) | [www.flexmaster.com](http://www.flexmaster.com).

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### Novaflex 3265 Corrugated OS&D

Heavy duty, multi-purpose oil suction and discharge hose. Designed for transferring petroleum products to and from oil tankers, barges and storage tanks. All weather cover is resistant to oil, cuts, scuffs and ozone attacks.

**Tube:** NBR

**Reinforcement:** Polyester tired cord, dual wire helix.

**Cover:** NBR/PVC corrugated. Length: 100 ft (max).

**Temperature Range:** -30°F to +200°F

**Manufactured in accordance with BS1435 and BSEN1765 2004.**

I.D.	O.D.	Plies	MBR (in)	VAC (HG)	WP psi	WT/ LBS/FT
6"	7.20	4	36"	30"	225	7.20
8"	9.30	6	48"	30"	225	10.84
10"	11.50	6	60"	30"	225	13.40
12"	13.80	8	72"	30"	225	17.25



### Novaflex 3261 Heavy Duty OS&D

Multi-purpose hose designed for suction and discharge applications. Highly flexible, all weather cover; resistant to oil, cuts, abrasion and gouges. Resistant to petroleum products with aromatics content 50%. Meets all US Coast Guard requirements for Dock/OS & D hose.

**Tube:** Nitrile.

**Reinforcement:** Multiple plies polyester tire cord and steel wire helix.

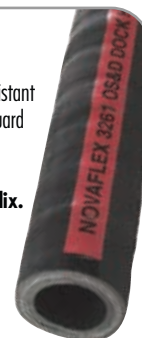
**Cover:** NBR/PVC corrugated. Length: 100 ft (max)

**Temperature Range:** -30°F to +200°F

**Manufactured in accordance with BS1435 and BSEN1765 2004.**

**Fuel compatibility:** Ethanol to E85. Biodiesel up to B20

I.D.	O.D.	Plies	MBR (in)	VAC (HG)	WP psi	WT LBS/FT
4"	4.94	4	24	30"	225	4.34
6"	7.12	4	36	30"	225	8.27
8"	9.67	6	48	30"	225	11.44
10"	11.30	6	60	30"	225	18.78
12"	13.50	8	72	30"	225	22.15



### Uni-VR™ Vapor Recovery Service

A lightweight, flexible hose for use in petroleum and petrochemical vapor recovery systems in ship-to-shore, bottom loading and tank truck applications. Manufactured to meet specification CFR33-154. Rated for full vacuum.

**Uni-VR**

**G-High Tensile Galvanized Carbon Steel Inner Helix**

**G-High Tensile Galvanized Carbon Steel Outer Helix**

**Available with a polypropylene coated and stainless steel inner helix**

**Cover:** Yellow or orange. Available in diameters: 1"-10"

I.D.	O.D.	Max WP psi	Burst Pres psi	MBR	WT/ LBS/FT	Max Length
6"	6.75	100	200	22.0	7.0	100
8"	9.0	100	200	30.0	10	100
10"	11.5	100	200	40.0	13	100



### Uni-BL Bottom Loading Service

Suitable for all hose loading arms in bottom loading operations. Ideal for transferring petroleum and 100 % aromatic products in production, refinery and distribution facilities. Constructed with multiple plies of aromatic resistant films and fabrics and can be custom designed for special chemical applications. All hoses can be color coded to API color codes. Rated for full vacuum.

**Uni-BL**

**G-High tensile galvanized carbon steel inner helix**

**G-High tensile galvanized carbon steel outer helix**

**Cover:** Brown. Available in diameters: 1"-10"

**Temperature Range:** -40°F to +212°F

I.D.	O.D.	Max WP psi	Burst Pres psi	MBR	WT LBS/FT	Max Length
3"	3.4	200	1000	7.9	7.2	100
4"	9.4	200	1000	11.9	11	100



### Uni-Zene Special Petroleum Service

Designed to handle modern gasoline additives, such as MTBE, ethanol and 100% benzene. Built with a combination of polyamide, polyester and polypropylene film and fabrics. Recommended for all JP aviation fuels. Rated for full vacuum.

**Uni-Zene**

**G-High Tensile Galvanized Carbon Steel Inner Helix**

**G-High Tensile Galvanized Carbon Steel Outer Helix**

**Cover:** Maroon. Available in diameters: 1"-10"

**Temperature Range:** -40°F to +140°F

I.D.	O.D.	Max WP psi	Burst Pres psi	MBR	WT/ LBS/FT	Max Length
6"	7	200	1000	22.0"	7.2	100
8"	9.4	200	1000	30.0"	11	100
10"	11.5	200	1000	40.0"	14.5	100



### Uni-OIL™ Standard Petroleum Service

Designed for the transfer of a wide range of petroleum products. Ideal for transfer of media from storage tanks and process piping to rail cars or tank trucks. Multiple plies of polypropylene films and fabrics are encased in a polyester vapor barrier for superior operation. Rated for full vacuum.

**Uni-OIL™ GG**

**G-High Tensile Galvanized Carbon Steel Inner Helix**

**G-High Tensile Galvanized Carbon Steel Outer Helix**

**Cover:** Brown. Available in diameters: 1"-10"

**Temperature Range:** -40°F to +140°F

I.D.	O.D.	Max WP psi	Burst Pres psi	MBR	WT LBS/FT	Max Length
6"	7	200	1000	22.0"	7.2	100
8"	9.4	200	1000	30.0"	11	100
10"	11.5	200	1000	40.0"	14.5	100



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