

## Novaflex 4805

### Nova BioFuel 100 Suction/Discharge

A rubber hose designed to handle all grades of Biodiesel and Ethanol.

This is a flexible, full suction and discharge hose for in plant applications or for loading tank cars and trucks.

#### Construction:

Tube: Viton® chemical and heat resistant rubber

Reinforcement: Plies of polyester tire cord with helix wire

Cover: Smooth red weather and abrasion resistant nitrile rubber

Length: 100 ft.

Temperature Range: -20°F (-29°C) to +250°F (+121°C)

Consult chemical resistance chart.

Not for steam service, can be open end steam cleaned.



Part No.	I.D.	O.D.	Plies	WP psi	MBR	WT LBS/FT
4805BV-01000-00	1	1.39	2	200	4	0.69
4805BV-01250-00	1¼	1.66	2	200	6	0.83
4805BV-01500-00	1½	1.89	2	200	6	1.06
4805BV-02000-00	2	2.39	2	200	8	1.42
4805BV-02500-00	2½	2.89	2	200	10	1.73
4805BV-03000-00	3	3.59	2	200	12	2.21
4805BV-04000-00	4	4.53	4	200	16	3.46

#### Fuel Compatibility:

Ethanol up to E100. Biodiesel up to B100.

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3250

### HP Petroleum Transfer Hose

HP Petroleum Transfer Hose is a multi-purpose hose designed for suction and discharge applications that require working pressures up to 400 psi. This hose is both flexible with a lighter weight design and has an all weather cover which is resistant to oil, cuts, abrasion and gouges. This hose can have a UHMWVP wear cover added for additional abrasion resistance (U version). The tube is resistant to petroleum products with aromatic content to 55%.

#### Construction:

Reinforcement: Multiple plies polyester tire cord and steel wire helix

Cover: a. Smooth black oil, ozone & UV resistant compound.

b. Optional UHMWVP wear cover in the U version

Length: Up to 100 ft. (30m)

Temperature Range: -40°F (-40°C) to +200°F (+93°C)



Product No	ID"	OD"	WP	MBR	Wt/Ft
3250BT-03000-00	3	3.71	400 psi	18	2.15lbs
3250BT-04000-00	4	4.8	400 psi	24	3.16 lbs

#### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3251 Extra Flexible Tank Truck Hose

A very flexible economical, lightweight hose designed for transfer of petroleum products. Excellent for use in oil field applications

### Construction:

Tube: Nitrile

Reinforcement: Multiple plies polyester tire cord and steel wire helix

Cover: Corrugated black oil resistant cover

Length: Up to 100 ft.

Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Also available with red cover.

Product No	ID	OD	Plies	WP psi	MBR	WT LBS/FT
3251BT-01500-00	1½	1.97	2	150	2"	.92
3251BT-02000-00	2	2.47	2	150	3"	1.18
3251BT-02500-00	2½	3.02	2	150	4"	1.59
3251BT-03000-00	3	3.54	2	150	5"	2.16
3251BT-04000-00	4	4.63	2	150	7"	3.06

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3251R Petroleum Suction & Discharge Hose

Novaflex Novalite 3251R is recommended for the transfer of petroleum products with an aromatic content up to 55%. Novaflex 3251R has a close corrugation design permitting easy flexing. This hose is excellent for the transfer of oily products such as; fats, greases, vegetable oil, hydraulic fluid and a wide range of general purpose oils.

### Construction:

Tube: Black Nitrile RMA Class A

Reinforcement: Polyester tire cord and dual helix

Cover: Red oil resistant blend

Temperature: 40°F (-40°C) to 180°F (+82°C)



PaBTt No	ID	OD	Plies	WP PSI	MBBT	WT LBS/FT
3251BT-01500-00	1½	1.96	2	150	4	0.91
3251BT-02000-00	2	2.46	2	150	4	1.17
3251BT-02500-00	2½	3.01	2	150	5	1.58
3251BT-03000-00	3	3.52	2	150	6	1.98
3251BT-04000-00	4	4.63	2	150	9	3.05

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3257 Corrugated Low Temp Tank Truck

A medium duty low temperature petroleum suction and transfer hose designed to be highly flexible with a hose cover that provides extra abrasion resistance to meet the demanding requirements of industry. Handles all grades of gasoline with aromatic contents to 55%.

### Construction:

Tube: Black Nitrile

Reinforcement: Multiple plies polyester tire cord with helix

Cover: Corrugated black oil resistant rubber

Length: 100 ft.

Temperature Range: -65°F (-54°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3257BT-01250-00	1¼	1.69	2	5	30"	150	0.65
3257BT-01500-00	1½	2.00	2	6	30"	150	0.89
3257BT-02000-00	2	2.50	2	8	30"	150	1.14
3257BT-02500-00	2½	3.10	2	10	30"	150	1.75
3257BT-03000-00	3	3.60	2	12	30"	150	2.07
3257BT-04000-00	4	4.66	2	16	30"	150	2.98

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3258 Crush & Kink Resistant Petroleum Suction and Discharge Hose

Special kink and crush resistant version of Novaflex 3253 design, utilizing a multi-ply construction with dual monofilament helix rods. Excellent for use in those demanding abusive situations.

### Construction:

Tube: Nitrile resistant to 55% aromatic fuels

Reinforcement: Multiple plies of tire cord with dual monofilament helix, static wire

Cover: Black oil and abrasion resistant compound

Length: 100 ft.

Temperature Range: 40°F (-40°C) to 180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3258BT-00750-00	¾	.126	2	4	30"	200	0.71
3258BT-01500-00	1½	2.00	2	5	30"	200	0.84
3258BT-02000-00	2	2.66	2	6	30"	200	1.08
3258BT-02500-00	2½	3.00	2	8	30"	200	1.44
3258BT-03000-00	3	3.61	2	10	30"	200	1.85

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3260 Tank Truck Hose

A very economical, lightweight designed for transfer of petroleum products. Excellent for use in oil field applications.

### Construction:

Tube: Nitrile.

Reinforcement: Multiple plies polyester tire cord and steel wire helix

Cover: Smooth black oil resistant cover

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3260BT-01000-00	1	1.48	2	4	30"	150	0.62
3260BT-01250-00	1¼	1.74	2	4	30"	150	0.67
3260BT-01500-00	1½	1.99	2	5	30"	150	0.80
3260BT-02000-00	2	2.49	2	6	30"	150	1.01
3260BT-02500-00	2½	3.01	2	8	30"	150	1.33
3260BT-03000-00	3	3.52	2	9	30"	150	1.59
3260BT-04000-00	4	4.61	2	12	30"	150	2.47
3260BT-06000-00	6	6.88	2	30	30"	150	5.31

# Petroleum Hose - Tank Truck

## Novaflex 3269 Oil Field Vacuum Hose

A tank truck service, including oil field vacuum truck service, where full suction is required. Ideal for handling crude oil, salt and fresh water, tank bottoms, drilling mud, along with diluted solutions of hydrochloric acids and diesel fuels. (Not for use with oil base fluids.)

**Note: Not recommended for refined petroleum products such as gasoline!**

### Construction:

Tube: Black Type C Nitrile

Reinforcement: Multiple plies of polyester tire cord & helix wire

Cover: Smooth Black EPDM/SBR blend

Temperature Range: -40°(-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (HG)	WP psi	WT LB/FT
3269BT-01500-00	1½	1.99	2	5	30"	150	0.75
3269BT-02000-00	2	2.49	2	7	30"	150	0.99
3269BT-02500-00	2½	3.01	2	8	30"	150	1.33
3269BT-03000-00	3	3.51	2	10	30"	150	1.57
3269BT-04000-00	4	4.61	2	14	30"	150	2.44

Not for use with BioFuels

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3283 300 PSI Tank Truck Hose

With the same construction as Novaflex 3260, economical, lightweight designed for the transfer of petroleum products. Excellent for use in oil field where higher pressure is required.



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3283BT-01500-00	1½	2.00	2	5	30"	300	.83
3283BT-02000-00	2	2.60	4	8	30"	300	1.30
3283BT-03000-00	3	3.65	4	12	30"	300	2.06
3283BT-04000-00	4	4.74	4	18	30"	300	3.05
3283BT-06000-00	6	6.94	4	42	30"	300	5.95

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3273 Oil Field Fracturing Hose

Oil Field Fracturing Hose is designed for higher pressure discharge applications that require working pressures up to 400 psi. This hose is a rugged design and has an all weather cover which is resistant to oil, cuts, abrasion and gouges. This hose can have a UHMWPE wear cover added for additional abrasion resistance (U version). The tube is resistant to petroleum products with aromatic content to 55%.

### Construction:

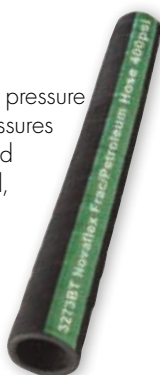
Tube: Nitrile

Reinforcement: Multiple plies polyester tire cord with static wire.

Cover: **a.** Smooth black oil, ozone & UV resistant compound.

**b.** Optional UHMWPE wear cover in the U version

Temperature range: -40°F (-40°C) to +200°F (+93°C)



Product No	ID	OD	WP	Wt/Ft
3273BT-03000-00	3	3.87	400 psi	2.10lbs
3273BT-04000-00	4	4.76	400 psi	3.05 lbs
3273BTU-03000-00	3	3.88	400 psi	2.11 lbs
3273BTU-04000-00	4	4.88	400 psi	3.40 lbs

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3274 Oil Field Fracturing Hose

Oil Field Fracturing Hose is designed for higher pressure suction and discharge applications that require working pressures up to 400 psi. This hose has a rugged design and has an all weather cover which is resistant to oil, cuts, abrasion and gouges. This hose can have a UHMWPE wear cover added for additional abrasion resistance (U version). The tube is resistant to petroleum products with aromatic content to 55%.

### Construction:

Tube: Nitrile

Reinforcement: Multiple plies polyester tire cord and helical wire

Cover: **a.** Smooth black oil, ozone & UV resistant compound.

**b.** Optional UHMWPE wear cover in the U version

Temperature range: -40°F (-40°C) to +200°F (+93°C)



Product No	ID	OD	WP	MBR	Wt/Ft
3274BT-04000-00	4	4.82	400 psi	40"	4.12lbs
3274BT-04000-02	4	5.09	500 psi	48"	5.91lbs

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3275 Corrugated Oil Field Vacuum Hose

Novaflex® 3275 is a rugged suction and discharge, flexible hose designed for oilfield vacuum truck and oilfield fracturing applications. This hose is ideal where applications require a hose designed for the transfer of salt & fresh water, tank bottoms, drilling mud, combined with dilute solutions of crude oil. (Not for use with oil base fluids.)

**Note: Not recommended for refined petroleum products such as gasoline!**

### Construction:

Tube: Black blended nitrile

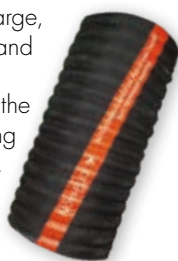
Reinforcement: Multiple tire cord layers & dual wire helix, full suction and discharge

Cover: Black abrasion, ozone & UV resistant

Temperature Range: -40°F (-40°C) to +180°F (+82°C)

Branding: Full suction /150 psi WP

*Not recommended for use with refined petroleum products such as gasoline.*



Part No.	I.D.	O.D.	WP psi	MBR (in)	Wt LB/Ft
3275BT-02000-00	2	2.49	150	6	1.23
3275BT-03000-00	3	3.58	150	8	2.07
3275BT-04000-00	4	4.59	150	12	2.87
3275BT-06000-00	6	6.74	150	24	5.81
3275BT-08000-00	8	8.75	150	40	8.05
3275BT-10000-00	10	10.77	100	60	11.49
3275BT-12000-00	12	12.75	40	72	12.70

Not for use with BioFuels

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

# Petroleum Hose - Tank Truck

## Novaflex 3477 Novalite Tank Truck Hose

Recommended for the transfer of petroleum products with an aromatic content of up to 55%. Novalite has a unique design utilizing a flat corrugation design permitting extreme ease when flexing. Novalite is excellent for the transfer of other oily products, such as fats, greases, vegetable oil, hydraulic fluid and a wide range of chemicals. This hose takes a very little force to flex the hose as compared to other constructions.

### Construction:

Reinforcement: Multiple plies of Polyester tire cord with dual helix wire

Cover: Black Oil & Abrasion Resistant Rubber

Length: 100ft (maximum)

Temperature range -40°F (-40°C) to +180°F (+82°C)



Part No	ID	OD	Plies	WP PSI	MBR	WT LBS/FT
3477BT-01000-00	1	1.55	2	150	2	0.6
3477BT-01250-00	1¼	1.80	2	150	3	0.7
3477BT-01500-00	1½	2.15	2	150	3	5.9
3477BT-02000-00	2	2.68	2	150	4	1.2
3477BT-02500-00	2½	3.20	2	150	5	1.45
3477BT-03000-00	3	3.73	2	150	6	1.9
3477BT-04000-00	4	4.73	2	150	9	2.6
3477BT 06000 00	6	6.75	4	150	20	5.31

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3549 Petroleum Discharge Hose

A lightweight petroleum discharge hose. Handles all grades of petroleum with aromatic content to 55%

### Construction:

Tube: Black Nitrile

Reinforcement: Multiple plies of tire cord, 2 plies fabric with static wire

Cover: Black oil and abrasion resistant rubber

Length: 100ft.

Temperature Range: 30°F (-35°C) to 180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3549BT-02000-00	2	2.49	2	n/a	n/a	200	1.08
3549BT-03000-00	3	3.50	2	n/a	n/a	200	1.85
3549BT-04000-00	4	4.58	2	n/a	n/a	200	3.11
3549BT-06000-00	6	6.72	4	n/a	n/a	200	4.20

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3550 Heavier Duty Petroleum Discharge Hose

Designed to be flexible with a hose cover that provides extra abrasion resistance to meet the demanding requirements of industry. Handles all grades of petroleum with aromatic contents to 55%.

### Construction:

Tube: Black Nitrile

Reinforcement: Multiple plies tire cord with static wire

Cover: Black oil and abrasion resistant rubber

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +180°F (+82°C)

(Also available with red cover)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3550BT-01000-05	1	1.52	2	n/a	n/a	250	0.57
3550BT-01500-05	1½	2.14	2	n/a	n/a	250	0.96
3550BT-02000-05	2	2.64	2	n/a	n/a	250	1.23
3550BT-02500-05	2½	3.14	2	n/a	n/a	250	1.49
3550BT-03000-05	3	3.54	2	n/a	n/a	250	2.10
3550BT-04000-05	4	4.65	4	n/a	n/a	250	2.42
3550BT-06000-05	6	6.70	4	n/a	n/a	250	4.90

### Fuel Compatibility:

Ethanol up to E85. Biodiesel up to B20

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

## Novaflex 3555 Hydrocarbon Drain Hose

Novaflex Hydrocarbon drain hose is designed for use in refining industry for those applications where the transfer of hydrocarbons and related petroleum chemicals is used during plant operations. This softwall discharge hose offers high temperature capability along with lightweight handling and kink resistance.

### Construction:

Tube: High Temperature Nitrile

Reinforcement: Multiple plies tire cord with stainless steel static wire

Cover: Pin pricked blue oil and abrasion resistant

Length: 100 ft.

Temperature Range: -40°F (-40°C) to +300°F (+148°C)  
(intermittent 350°F {176°C})



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
3555BT-00750-00	¾	1.37	4	300	.63
3555BT-01000-00	1	1.61	4	300	.77
3555BT-01500-00	1½	2.14	4	300	1.18
3555BT-02000-00	2	2.64	4	300	1.3
3555BT-03000-00	3	3.68	4	300	2.0
3555BT-03000-02	3	3.84	6	300	2.6
3555BT-04000-00	4	4.68	4	300	2.6
3555BT-04000-02	4	4.84	6	300	3.4

When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.