

## Novaflex 3233 SAE 100R4 Low Temp Oil Return Hose

A special low temperature hydraulic return line that meets or exceeds the requirements of SAE100R4 type hose. This hose provides good flexibility for those hydraulic applications that operate in temperatures to -65°F

### Construction:

Tube: Special Low temperature nitrile  
Reinforcement: Polyester tire cord with steel helix  
Cover: Special black low temperature nitrile  
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
3233BT-00750-00	¾	1.24	2	2	30"	300	0.49
3233BT-01000-00	1	1.48	2	2½	30"	250	0.55
3233BT-01250-00	1¼	1.73	2	3	30"	200	0.71
3233BT-01500-00	1½	1.98	2	4	30"	150	0.80
3233BT-02000-00	2	2.52	2	6	30"	100	1.14
3233BT-02500-00	2½	3.05	2	6	30"	100	1.58
3233BT-03000-00	3	3.56	2	8	30"	100	1.89

## Novaflex 3254 SAE100R4 Oil Return Hose

A very flexible return line hose designed for farming, industrial and construction equipment and other similar applications.

### Construction:

Tube: Nitrile  
Reinforcement: Multiple plies polyester tire cord and steel wire helix  
Cover: Black Neoprene  
Length: 100 ft.  
Temperature Range: -30°F (35°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3254BT-00750-00	¾	1.24	2	2	30"	300	0.49
3254BT-01000-00	1	1.48	2	2½	30"	250	0.55
3254BT-01250-00	1¼	1.73	2	3	30"	200	0.71
3254BT-01500-00	1½	1.98	2	4	30"	150	0.80
3254BT-02000-00	2	2.52	2	6	30"	100	1.14
3254BT-02500-00	2½	3.05	2	6	30"	100	1.58
3254BT-03000-00	3	3.56	2	8	30"	100	1.89

## Novaflex 3261 Dock Hose

This is a multi-purpose hose designed for suction and discharge applications. This dock hose is highly flexible and has an all weather cover which is resistant to oil, cuts, abrasion and gouges. The tube is resistant to petroleum products with aromatics content to 55%. Meets all US Coast Guard requirements for Dock/OS & D. hose.

### Construction:

Tube: Nitrile  
Reinforcement: Multiple plies polyester tire cord and steel wire helix.  
Cover: Smooth black oil resistant neoprene.  
Length: Cut & 100 ft. lengths  
Temperature Range: -30°F (-35°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3261BT-04000-00	4	4.94	4	24	30"	225	4.34
3261BT-06000-00	6	7.12	4	36	30"	225	8.27
3261BT-08000-00	8	9.67	6	48	30"	225	11.44
3261BT-10000-00	10	11.30	6	60	30"	225	18.78
3261BT-12000-00	12	13.50	8	72	30"	225	22.15

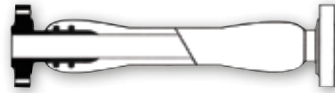
### Fuel Compatibility at ambient temperature:

Ethanol up to E85, E 100. Biodiesel up to B20

Also available - Novaflex 3267 Heavy Duty AOS & Dock Hose with Built in Nipples.

## Novaflex 3261 OS & D Dock Hose with Built in Nipples

1.50# RF fixed flanges each end  
Smooth black oil resistant cover  
Temperature Range: -30°F (-35°C) to +200°F (+93°C)



I.D.	lb/ft	lb/set Nipples
4	4.94	75
6	7.12	100
8	9.2	150
10	11.46	200
12	13.68	275

**Fuel Compatibility at ambient temperature:**  
Ethanol up to E85, E 100. Biodiesel up to B20

Meets USCG requirements

## Novaflex 3265 Corrugated Dock Hose

Specially designed for barge unloading where flexibility and ease of handling are required. Special tire cord reinforcement with dual wire helix and corrugated cover enhances the characteristics. Tube resistant to 55% aromatic fuels. **Construction:**

Tube: NBR  
Reinforcement: Polyester tire cord, dual wire helix.  
Cover: Black NBR/PVC corrugated  
Ends: Straight  
Length 100 ft (max)  
Temperature Range: -30°F (-35°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3265BT-06000-00	6	7.20	4	30	30"	225	7.20
3265BT-08000-00	8	9.30	6	42	30"	225	10.84
3265BT-10000-00	10	11.50	6	60	30"	225	13.40
3265BT-12000-00	12	13.80	8	72	30"	225	17.25

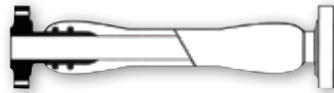
Meets USCG requirements

**Fuel Compatibility at ambient temperature:**  
Ethanol up to E85, E 100. Biodiesel up to B20

Available Novaflex 3268 Built in Nipples Heavy Duty Corrugated OS & D Dock Hose

## Novaflex 3265 Built-in Nipples Corrugated OS& D Hose

1.50# RF fixed flanges each end  
Corrugated oil resistant black cover  
Smooth black oil resistant cover  
Temperature Range: -30°F (-35°C) to +200°F (+93°C)



I.D.	lb/ft	lb/set Nipples
6	8.20	100
8	11.50	150
10	15.70	200
12	21.40	275

**Fuel Compatibility at ambient temperature:**  
Ethanol up to E85, E 100. Biodiesel up to B20

## Novaflex 3277 Dock Hose (Smooth Cover)

Meets BS EN 1765, Type S15.  
A special design to meet international requirements, complies with the BS EN 1765 standard for Type S 15 dock hose. This hose has built in nipples with flanges but is available with crimped on coupling & flanges through 8" ID. All hoses come with test certificates. Tube resistant to 55% aromatic fuels.

**Construction:**  
Tube: NBR  
Reinforcement: Polyester tire cord plies with helix wire  
Cover: Black NBR blend  
Ends: Straight (built in nipples & crimped available)  
Length: 100 ft  
Temperature Range: 30°F (-35°C) to +200°F (+93°C)



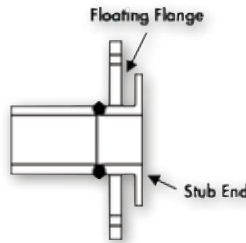
Part #	ID		OD		MBR		VAC	WP	Weight		
	in	mm	in	mm	in	mm	(Hg)	PSI	Bar	Lbs/ft	Kg/m
3277BT-06000-00	6	150	7.35	187	36	915	Full	220	15	8.3	27.2
3277BT-08000-00	8	200	9.45	240	48	1220	Full	220	15	12.69	41.6
3277BT-10000-00	10	254	11.92	303	60	1525	Full	220	15	20.35	66.7
3277BT-12000-00	12	300	13.98	355	72	1829	Full	220	15	23.95	78.5

**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 Built in Nipples Floating Flange add on price

Add this price to the hose for each floating flange required.



I.D.	lb/ea. Nipples
4	39
6	55
8	81
10	110
12	150

## Novaflex 3859 Hot Tar and Asphalt Hose

Designed for the transfer of tar, asphalt, hot oils and other high temperature petroleum based products.

### Construction:

Tube: Black high grade nitrile rubber

Reinforcement: Plies of polyester tire cord with helix wire

Cover: Smooth black abrasion resistant nitrile  
Length: 100 ft.

Temperature Range: -40° (-40°C) to +350°F (+177°C)

(Intermittent service only)



Part No.	I.D.	O.D.	Plies	MBR (in)	WP psi	VAC HG	WT LBS/FT
3859BT-02000-00	2	2.72	2	6	150	30"	1.18
3859BT-02500-00	2½	3.24	2	7	150	30"	1.56
3859BT-03000-00	3	3.79	2	9	150	30"	1.84
3859BT-04000-00	4	4.79	2	12	150	30"	2.39
3859BT-06000-00	6.00	7.46	6	42	150	30	8.75
3859BT-08000-00	8.00	9.63	8	56	150	30	13.0

Not for use with BioFuels

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

## Novaflex 3860 Nitrile Tube Hot Tar and Asphalt HD

A more robust hose with extra working pressure to meet higher application requirements. This is a heavy duty hot tar and hot oil suction and transfer hose.

### Construction:

Tube: Black high grade nitrile rubber.

Reinforcement: Plies of polyester tire cord with helix wire.

Cover: Corrugated black oil resistant cover  
Length: 100 ft.

Temperature Range: -40° (-40°C) to +350°F (+177°C) (Intermittent service only)



Part No.	I.D.	O.D.	Plies	MBR (in)	WP psi	VAC HG	WT LBS/FT
3860BT-02000-00	2	2.72	2	6	200	30"	1.20
3860BT-02500-00	2½	3.24	2	7	200	30"	1.59
3860BT-03000-00	3	3.79	4	9	200	30"	1.95
3860BT-04000-00	4	4.79	4	12	200	30"	2.65
3860BT-06000-00	6.00	7.48	6	40	200	30	9.5
3860BT-08000-00	8.00	9.66	8	52	200	30	13.5

Not for use with BioFuels

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

## 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.

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