

Bio-Diesel & Ethanol Service



Biodiesel and Ethanol Service

Uni BioFuel™ 100, a special alternative fuel hose designed to handle all grades of Bio-Diesel including 100% B100 neat bio-diesel and E85 - 85% ethanol fuel blends. Uni BioFuel™ hoses are built with a specialized combination of high performance films and fabrics designed to handle today's fully concentrated alternative fuels. All hoses are branded **UNI BIOFUEL™**

Temperature Range: -40°F to +250°F

Nova Bio-Fuel 100

A rubber hose designed to handle all grades of Bio-diesel and Ethanol. This is a flexible, full suction and discharge hose for in plant applications or for loading tank cars and trucks. This hose is compatible with ethanol fuel grades E10 to E85, and compatible with Bio-diesel fuel grades up to B100.

All hoses are branded **NOVA BIOFUEL**

Novaflex®

Uni BioFuel 100 & Nova BioFuel 100

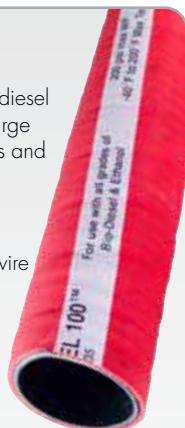
Nova BioFuel 100

Bio-diesel and Ethanol Service

A rubber hose designed to handle all grades of Bio-diesel 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



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.

Uni-BioFuel™ 100

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Uni-BioFuel™ 100, a special alternative fuel hose designed to handle all grades of biodiesel, including 100% B100, neat biodiesel and E85 - 85% ethanol fuel blends. Uni-BioFuel™ hoses are built with a specialized combination of high performance films and fabrics designed to handle today's fully concentrated alternative fuels.

Maximum length: 100 ft (10" = 80 ft)
Temperature Range: -40°F (-40°C) to +250°F (+121°C)



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

Part No	Inside I.D.	Outside I.D.	Max WP psi	Burst Pres PSI	Bend Radius (inch)	Weight/ lb/ft
3UCBIOFUEL-01.00	1	1.5	250	1000	4.1	0.6
3UCBIOFUEL-08.00	1.5	2.0	250	1000	5.1	0.8
3UCBIOFUEL-02.00	2	2.5	250	1000	6.1	1.6
3UCBIOFUEL-03.00	3	3.5	250	1000	8.2	2.4
3UCBIOFUEL-04.00	4	4.5	250	1000	14.0	3.2
3UCBIOFUEL-06.00	6	7.0	250	1000	22.0	7.2
3UCBIOFUEL-08.00	8	9.4	250	1000	30.0	11.0
3UCBIOFUEL-10.00	10	10.5	200	800	40.0	14.5

All products are warranted to be free from all defects in material and workmanship. 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 / www.z-flex.com / www.flexmaster.com.

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