

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. Rated for full vacuum. All hoses are branded **UNI BIOFUEL™**

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 up to E100 and compatible with Bio-diesel fuel grades up to B100.

All hoses are branded **NOVA BIOFUEL**

Novaflex®

Uni BioFuel 100 & Nova BioFuel 100

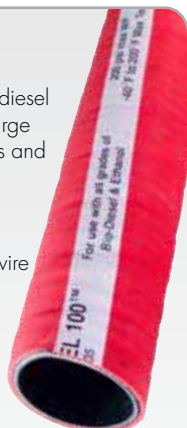
Nova BioFuel 100

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.

Part No.	I.D.	O.D.	Plies	WP psi	MBR	Weight 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

Uni-BioFuel™ 100

Biodiesel and Ethanol Service

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.

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

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

(Stainless Steel inner wire available)



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	200	1000	4.0	0.6
3UCBIOFUEL-08.00	1.5	2.0	200	1000	5.0	0.8
3UCBIOFUEL-02.00	2	2.5	200	1000	6.0	1.6
3UCBIOFUEL-03.00	3	3.5	200	1000	7.9	2.4
3UCBIOFUEL-04.00	4	4.5	200	1000	11.9	3.2
3UCBIOFUEL-06.00	6	7.0	200	1000	22.0	7.2
3UCBIOFUEL-08.00	8	9.4	200	1000	30.0	11.0
3UCBIOFUEL-10.00	10	11.5	200	800	40.0	14.5

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 | www.z-flex.com | www.flexmaster.com.

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