

# Bio-Diesel & Ethanol Service



## Bio-diesel 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**

### Uni Bio-Fuel 100

G-High Tensile Galvanized Carbon Steel Inner Helix

G-High Tensile Galvanized Carbon Steel Outer Helix

Temperature Range: -40°F to +180°F (intermittent, transfer service 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**

## Uni BioFuel 100 & Nova BioFuel 100



### Uni BioFuel 100

#### Bio-diesel and Ethanol Service

Uni BioFuel 100, a special alternative fuel hose designed to handle all grades of bio-diesel, 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.

#### Uni BioFuel 100

G-High Tensile Galvanized Carbon Steel Inner Helix

G-High Tensile Galvanized Carbon Steel Outer Helix

Temperature Range: -40°F to +180°F

(intermittent, transfer service 250°F)

Part No	Inside I.D.	Outside I.D.	Max WP psi	Burst pres psi	Bend Radius (inch)	Weight/lb/ft	Max Length
3UCBIOFUEL-01.00	1	1.5	250	1000	4.1	0.6	60
3UCBIOFUEL-08.00	1.5	2.0	250	1000	5.1	0.8	60
3UCBIOFUEL-02.00	2	2.5	250	1000	6.1	1.6	60
3UCBIOFUEL-03.00	3	3.5	250	1000	8.2	2.4	60
3UCBIOFUEL-04.00	4	4.5	250	1000	14.0	3.2	60
3UCBIOFUEL-06.00	6	7.0	250	1000	22.0	7.2	60
3UCBIOFUEL-08.00	8	9.4	250	1000	30.0	11.0	60

### 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 to +250°F.

Consult chemical resistance chart.

Not for steam service, can be open end steam cleaned



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
4805BV-01000-00	1	1.51	2	200	0.69
4805BV-01250-00	1¼	1.76	2	200	0.83
4805BV-01500-00	1½	2.05	2	200	1.06
4805BV-02000-00	2	2.56	2	200	1.42
4805BV-02500-00	2½	3.06	2	200	1.73
4805BV-03000-00	3	3.60	2	200	2.21
4805BV-04000-00	4	4.67	4	200	3.46

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Ajax, ON  
Indianapolis, IN  
Haw River, NC  
Berlin, NJ

Tel 905.686.5200 Fax 905.686.8349  
Tel 317.334.1444 Fax 317.334.1535 800.526.6288  
Tel 336.578.2161 Fax 336.578.5554 800.334.4270  
Tel 856.768.2275 Fax 856.768.2385 800.225.0215

THE  
**NOVAFLEX**  
GROUP

Email: [sales@novaflex.com](mailto:sales@novaflex.com)  
Website: [www.novaflex.com](http://www.novaflex.com)