

# TRANS BIOFUEL RADCOFLEX

## Description

Trans Biofuel composite hoses are designed for transferring Bio-Diesel products. This hose is lined with material which will not be effected by the Esterified Vegetable Oils, an ingredient of Bio-Diesel Products. Since nylon is porous, Radcoflex is offering composite hoses lined with Nylon for intermittent use only and hoses lined with PTFE for longer term use. Nylon is porous and therefore product cannot be left in the hose while it is not in service. The PTFE lined hoses are easy to clean since PTFE doesn't absorb the fuel while in use.



## Construction

**Inner wire** : Galvanised zinc coated mild steel  
**Lining** : Nylon or P.T.F.E.  
**Outer cover** : PVC Coated Terylene Weave Fabric  
**Colour Code** : Green outer cover with white/yellow stripe  
**Outer Wire** : Galvanised zinc coated mild steel

## Physical Properties

**Max. Elongation** : 10% on proof pressure  
**Maximum Twist** : 10° /mtr  
**Vacuum range** : 0.9 bar  
**Electrical resistance** : 2.5 Ohms/mtr < 2" Hose  
 1.0 Ohms/mtr > 2" Hose

## Standards

Manufactured to the specifications where applicable to EN 13765 Type 3

## Temperature

Depending on the conveyant -30°C to +80°C

## Specifications

Bore diameter		Bend radius		Max work. pressure		Weight / meter		Maximum length	
mm	inch	mm	inch	psi	bar	Lbs/Ft	kg/m	meter	feet
25	1	125	4.9	200	14	0.87	1.30	30	100
38	1.5	150	5.9	200	14	1.14	1.70	30	100
50	2	190	7.5	200	14	1.41	2.10	30	100
65	2.5	200	7.9	200	14	1.95	2.90	30	100
75	3	300	11.8	200	14	2.35	3.50	30	100
100	4	430	16.9	200	14	3.70	5.50	30	100
150	6	550	21.6	200	14	8.06	12.00	30	100
200	8	750	29.5	200	14	10.75	16.00	20	65
250	10	1000	39.3	200	14	13.00	19.30	20	65

**Minimum Burst Pressure:** 4 times Working Pressure (safety factor 4:1)

**NOTE:** This information is for guidance only, dimensions and weights shown are approximate.  
 We reserve the right to alter or amend specifications as deemed necessary.

RADCOFLEX® reserves the right to change product specifications without notice.  
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