

## Description

Composite hose made from polypropylene fabrics and films with an abrasion resistant PVC coated fabric cover, reinforced with internal and external wire helices. The hose contains a barrier layer for 100% aromatic hydrocarbons. The hose can be covered with rope lagging for external protection if required.

## Principal Applications

Transoil is especially suitable for the suction and discharge transfer of petroleum products in in-plant, **Bottom loading** and light duty dockside applications. It is an excellent hose for conveying tallow and high aromatic hydrocarbons.



## Construction

**Inner wire** : Galvanised zinc coated mild steel  
**Lining** : Polypropylene Fabric  
**Outer cover** : PVC Coated Terylene Weave Fabric  
**Colour Code** : Black/Blue 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 2

## Temperature

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

## Special application

Transoil can be supplied with Stainless Steel outer wire also. This hose is called **Transoil-S**.

## 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	90	3.5	150	10	0.67	1.00	30	100
38	1.5	120	4.7	150	10	1.08	1.60	30	100
50	2	150	5.9	150	10	1.34	2.00	30	100
65	2.5	180	7.1	150	10	1.81	2.70	30	100
75	3	250	9.8	150	10	2.15	3.20	30	100
100	4	350	13.8	150	10	3.56	5.30	30	100

**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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