

## 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.

## Principal Applications

Transfuel is a suction and discharge hose mainly for the transfer of petroleum products by road, rail tankers and loading gantries, It is not advisable to use this hose with aviation fuels due to possible contamination from zinc flakes.



## Standards

Manufactured to the specifications where applicable to EN 13765 Type 1

## Temperature

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

## Special application

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

## Construction

**Inner wire :** Galvanised zinc coated mild steel

**Lining :** Polypropylene Fabric

**Outer cover :** PVC Coated Terylene Weave Fabric

**Colour Code :** Blue outer cover with white 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

## Specification

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	50	2.0	100	7	0.67	1.00	30	100
38	1.5	75	2.9	100	7	0.94	1.40	30	100
50	2	80	3.1	100	7	1.04	1.55	30	100
65	2.5	90	3.5	100	7	1.61	2.40	30	100
75	3	125	4.9	100	7	1.98	2.95	30	100
100	4	220	8.6	100	7	2.62	3.90	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.