

## 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

Transdock is suitable for the heavy-duty suction and discharge transfer of petroleum products in road and rail tanker, dockside and ship to shore applications. Transdock S has the added suitability for applications involving corrosive atmospheres and splash.



## Standards

Manufactured to the specifications where applicable to EN 13765 Type 3/ Type 2

## Temperature

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

## Special application

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

## 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	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
300	12	1200	47.24	150	10	21.08	31.8	6	20

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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## Construction

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

**Lining :** Polypropylene Fabric

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

**Colour Code :** Royal 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