

Description

Composite hose made from polypropylene fabrics and films with an aromatic barrier layer, reinforced with internal and external wire helixes.

Principal Applications

Bituflex is suitable for the transfer of bitumen and tar at elevated temperatures, primarily for wand/hand bar applications.

Safety Note

Bituflex is generally handled at elevated temperatures, Medical specialists advise that burns from bitumen usually affect the full thickness of skin, generally requiring a skin graft. Use of suitable personal protective equipment is strongly recommended.



Standards

Manufactured to the specifications where applicable to EN 13765 Type 4

Temperature

Bituflex is suitable for temperature to +150°C continuous and to +180°C in surges, however pressure capability ratings would be reduced by 50% when temperature exceed 100°C

Construction

- Inner wire :** Galvanised zinc coated mild steel
- Lining :** Polyamide fabric/PTFE film
- Outer cover :** PVC Coated Terylene Weave Fabric
- Colour Code :** Red 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	130	5.11	150	10	0.87	1.30	30	100
38	1.5	160	6.29	150	10	1.14	1.70	30	100
50	2	210	8.26	150	10	1.41	2.20	30	100
65	2.5	270	10.62	150	10	1.95	2.90	30	100
75	3	300	11.81	150	10	2.35	3.50	30	100
100	4	400	15.74	150	10	3.70	5.50	30	100
150	6	550	21.60	150	10	8.06	12.90	30	100
200	8	75	29.50	150	10	10.75	17.00	20	65
250	10	1000	39.30	150	10	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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