

### Description

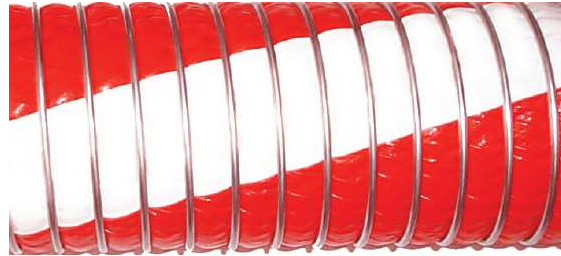
Composite hose made from polyester fabrics and films with an aromatic barrier layer, reinforced with internal and external wire helices.

### Principal Applications

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

### Safety Note

Bitumen 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.



### Construction

- Inner wire** : Galvanised zinc coated mild steel
- Lining** : Polyamide Fabric/PTFE Film
- Outer cover** : PVC Coated Terylene Weave Fabric
- Colour Code** : Red outer fabric 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 4

### Temperature

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

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