



## Reflex Industrial Hose

Our Reflex type 1 layflat industrial fire hose is a general purpose all synthetic layflat delivery hose complying with BS 6391 Type 1 and other international standards. The hose is a two-component system consisting of a black SBR synthetic rubber inner lining and a synthetic polyester outer jacket, bonded together with NBR-synthetic adhesive.

### HOSE JACKET

The hose jacket is a 100% dyed polyester high tenacity yarn with circular woven, warp threads 3 ply twisted.

### HOSE LINING

The hose lining and cover is a two-component system consisting of a black SBR synthetic rubber inner lining and a synthetic polyester outer jacket, bonded together with NBR-synthetic adhesive. The lining guarantees a smooth surface and low friction loss. The exterior jacket is available in fluorescent yellow or orange for high-vis increased workplace safety.

### COUPLING

BS336 Instantaneous, Storz or all international coupling types wired-in for safety & security, with 1.6mm Stainless Steel wire.

### STANDARDS

BS 6391 Type 1, DIN 14811, NEN 2242, prEN 1924 class 2.

### LENGTHS

Standard and non-standard lengths up to 100 metres. Maximum loose hose length 300 metres made to order. Max change in length 3%, max change in diameter 3%.

### CHARACTERISTICS

High visibility due to fluorescent colouring, even in darkness and smoke.

Produced with very low twist.

Very good abrasion resistance and long service life due to 3-ply warp thread.

External resistance to oil, fuel and chemical products, low friction loss.

Ageing and ozone resistant - weather resistant.

Lightweight and flexible - kink resistant.

Cold resistant to - 30 °C.

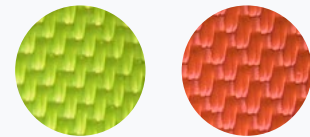
Heat resistant up to + 80 °C.



Hose Construction: Jacket, NBR-synthetic adhesive and SBR-synthetic rubber



BS Coupling wired in



Standard colours

Internal Diameter		Weight g/m	Burst Pressure bar	Working Pressure Safety Ratio*		Wall Thickness mm
mm	inch			2:1 bar	3:1 bar	
19	¾	110	60	30	20	1.40
25	1	150	60	30	20	1.40
32	1 ¼	175	60	30	20	1.40
38	1 ½	200	60	30	20	1.50
42		240	60	30	20	1.50
45	1 ¾	250	60	30	20	1.50
52	2	310	50	25	17	1.60
64	2 ½	410	50	25	17	1.60
70	2 ¾	470	50	25	17	1.60
75	3	520	50	25	17	1.70
90	3 ½	620	40	20	13	1.70
102	4	700	40	20	13	1.80
110	4 ⅓	790	35	18	12	1.80
125	5	930	30	15	10	1.90
152	6	1070	30	15	10	1.90

\*maximum recommended working pressure of the hose, or maximum working pressure of the attached coupling whichever is the lower