



Highlander Type 2 Hose

Our Highlander Type 2 layflat fire hose is a general purpose all synthetic layflat delivery hose complying with BS 6391 Type 2 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. The hose is finally colour and polyurethane coated for extra abrasion resistance.

HOSE JACKET

The hose jacket is a 100% polyester high tenacity yarn with circular woven, warp threads 2 ply twisted plain weave, colour and polyurethane coated for extra abrasion resistance.

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. Resistant to ozone and to external contact with oil products. The lining guarantees a smooth surface and low friction loss.

COUPLING

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

STANDARDS

BS 6391 Type 2, DIN 14 811, NEN 2242 prEN 1924 class 3.

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

Produced with very low twist.

Very good abrasion resistance and long service life.

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

Ageing and ozone resistant - weather resistant.

Lightweight and flexible – kink resistant.

Minimum maintenance and easy to clean.

Cold resistant to - 30 °C.

Heat resistant up to + 80 °C.

Easy to repair - repair material and vulcanizer on request.



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



BS Coupling wired in



Standard colour

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	130	60	30	20	1.40
25	1	160	60	30	20	1.40
32	1 ¼	190	60	30	20	1.40
38	1 ½	220	60	30	20	1.50
42		250	60	30	20	1.50
45	1 ¾	260	60	30	20	1.50
52	2	320	50	25	17	1.60
64	2 ½	420	50	25	17	1.60
70	2 ¾	490	50	25	17	1.60
75	3	550	50	25	17	1.70
90	3 ½	650	40	20	13	1.70
102	4	730	40	20	13	1.80
110	4 ⅓	840	35	18	12	1.80
125	5	990	30	15	10	1.90
152	6	1160	30	15	10	1.90

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