

## Oil Special Hose

Our Oil Special layflat hose is an Electro-conductive all synthetic layflat delivery hose complying with DIN 14811. The hose is a two-component system consisting of a black NBR synthetic, electro-conductive rubber inner lining resistant to oil and fuel. The external jacket is made up of a synthetic polyester bonded together with NBR-synthetic adhesive. The hose is finally colour coated black and given a polyurethane coating which increases its abrasion resistance.



### HOSE JACKET

100 % polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, twill weave with 3 interwoven copper wire braids.

### HOSE LINING & COATING

High quality NBR-synthetic rubber, electro-conductive, resistant to oil and fuel. Polyurethane coating increases the abrasion resistance and reduces water absorption.

### COUPLING

System Storz .

Please note: The special inner lining of Oil Special (OF) allows couplings to be attached without the need to make direct contact with the copper wire braids.

### STANDARDS

DIN 14811 electro conductivity tested.

### 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

Anti-static < 106 Ω.

Suitable for fire fighting in hazardous areas.

Very good abrasion resistance and very long service life.

Oil and fuel resistant.

Produced with very low twist.

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.



Interwoven copper wire braids



Earth screw

Internal Diameter		Weight	Burst Pressure	Working Pressure Safety Ratio*		Wall Thickness
mm	inch			g/m	bar	
19	¾	130	60	16	16	1.40
25	1	160	60	16	16	1.40
32	1¼	190	60	16	16	1.40
38	1½	220	60	16	16	1.50
42		250	60	16	16	1.50
45	1¾	260	60	16	16	1.50
52	2	320	50	16	16	1.60
64	2½	420	50	16	16	1.60
70	2¾	490	50	16	16	1.60
75	3	550	50	16	16	1.70
90	3½	650	40	13	13	1.70
102	4	730	40	13	13	1.80
110	4⅓	840	35	12	12	1.80
125	5	990	30	10	10	1.90
152	6	1160	30	10	10	1.90

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