

Oil Special

Electro-conductive delivery hose for oil and hazardous material recovery and salvage

Construction Details:

Jacket:

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

Lining and Cover:

High quality NBR-synthetic rubber, electroconductive, resistant to oil and fuel.



External Coating:

Polyurethane coated, standard colour black.

Polyurethane coating increases the abrasion resistance and reduces water absorption. It requires minimum maintenance and is easy to clean and to repair.

Electrical Resistance:

< 10⁶ Ohm

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	16	16	1.40
25	1	160	60	16	16	1.40
32	1 ¼	190	60	16	16	1.40
38	1 ½	220	60	16	16	1.50
42		250	60	16	16	1.50
45	1 ¾	260	60	16	16	1.50
52	2	320	50	16	16	1.60
64	2 ½	420	50	16	16	1.60
70	2 ¾	490	50	16	16	1.60
75	3	550	50	16	16	1.70
90	3 ½	650	40	13	13	1.70
102	4	730	40	13	13	1.80
110	4 ½	840	35	12	12	1.80
125	5	990	30	10	10	1.90
152	6	1160	30	10	10	1.90

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.

Low friction loss.

Lightweight and flexible – kink resistant.

Ageing and ozone resistant – weather 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

Applications:

Municipal fire brigades,

Industrial fire brigades,

Shipboard, Refineries,

Construction sites and underground mining.



Earth screw

Couplings:

System Storz

Important 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.

Applicable Standards:

DIN 14811

electro conductivity tested by PTB

Standard lengths:

All standard lengths can be supplied from stock, however Richards Hose specialize in the cutting and assembly of non-standard lengths up to 92 metres long to satisfy customers individual requirements.

Maximum loose hose length 300 metres.



Manufactured to ISO 9001 : 2008
Quality Management System