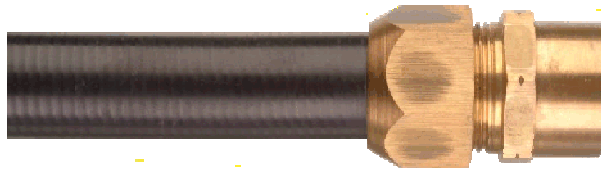


TYPE 'T' SCREENFORCE

CONSTRUCTION:

BLACK OR GREY TYPE 'T' LFH
POLYOLEFIN 'MEGOLON'
COVERING STEEL & KRAFT
PAPER PLIABLE CONDUIT



RECOMMENDED CONNECTORS:

C12 - 'BCM' OR 'BCE'
C18 - 'BGM' OR 'BTB' OR 'BTM'

TO REALISE FULL SCREENING
POTENTIAL, CONDUIT **MUST** BE USED
WITH C18 CONNECTOR.

CONDUIT SIZE (mm)	16	20	25	32	40	50	63	75
(US TRADE inches)	(3/8)	(1/2)	(3/4)	(1)	(1.1/4)	(1.1/2)	(2)	(2.1/2")
CODE (*B-Black G-Grey)	PH*T03	PH*T04	PH*T05	PH*T06	PH*T07	PH*T08	PH*T09	PH*T10
OUTSIDE DIAMETER (mm)	17.8	21.0	27.3	34.0	40.4	53.1	65.9	79.0
INSIDE DIAMETER (mm)	11.6	14.6	20.4	26.7	32.8	45.3	56.3	69.2
STATIC BEND RADIUS (mm)	35.0	40.0	55.0	65.0	85.0	130.0	175.0	185.0
AVERAGE WEIGHT (kg/100m)	37.5	47.0	64.5	117.5	147.0	210.0	287.0	330.3
CONNECTOR PULL-OFF	HEAVY	HEAVY	HEAVY	HEAVY	HEAVY	HEAVY	HEAVY	HEAVY
CONDUIT CRUSH	HEAVY	HEAVY	HEAVY	V. HEAVY	HEAVY	HEAVY	HEAVY	HEAVY

FIRE, SMOKE AND TOXICITY PROPERTIES FOR TYPE 'T' LFH COVERING

TEST	METHOD/ STANDARD	REQUIREMENT	VALUE
Halogen Free	LUL	< 0.5 %	<0.1%
Phosphorus Free	LUL	< 0.5 %	0.2%
Sulphur Free	LUL	< 0.5 %	0.35
Oxygen Index	ISO 4589	% Oxygen to support combustion	40%
Glow wire rating	IEC 695	No ignition, Extinguish within 2 s	850°C
Flammability	UL94	Vertical (V0,V2)or Horizontal (HB)	V0
Flammability Temperature Index	UL94		290°C
Smoke Density	BS 6853	<0.02	0.0175
Smoke Index	NES 711		12.8
Resistance to Flame	LUL	Flame dies in less than 30 seconds after ignition source removed	
Toxicity Index	NES 713		1.5

OTHER PROPERTIES

	METHOD / STANDARD	VALUE
EMC Screening Level	At 1MHz with C12 connector	94dB
	At 1MHz with C18 connector	106dB
IP Rating	BS EN 60529	IP66 & IP67
Operating Temperature	BS EN 61386	-25°C to +90°C
Ozone Resistance	ASTM D-470	Pass

FOR TEST METHODS AND EXPLANATION OF CLASSIFICATIONS SEE SHEET [810100](#).
[FOR CHEMICAL RESISTANCE OF TYPE 'T' COVERING SEE SHEET 810087](#).

KOPEX PLIABLE CONDUIT IS INTENDED TO PROTECT CABLES THAT WILL REMAIN STATIC OR WILL VIBRATE UNDER NORMAL INSTALLATION CONDITIONS.
KOPEX PLIABLE CONDUIT MUST NOT BE USED TO PROTECT CABLES THAT WILL CONTINUALLY FLEX IN SERVICE.
WHEN INSTALLING WIRING SYSTEMS, ADHERENCE TO THE CURRENT WIRING REGULATIONS BS7671 IS STRONGLY ADVISED.

The Company's policy is one of continuous improvement and reserves the right to change specifications at any time without prior notice.