

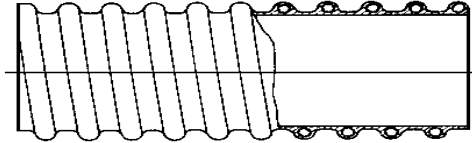


## Technical Data Sheet

# ELECTROFLEX 150 SERIES CONDUIT

### CONSTRUCTION:

BLACK OR GREY FLAME RETARDANT PVC  
REINFORCED WITH PVC SPIRAL



### RECOMMENDED CONNECTORS:

ELECTROFLEX 950, 952, 954 and 970, 972, 974 SERIES

CONDUIT SIZE (mm)	8	10	12	16	20
ORDERING CODES	EF150006x10 EF150006x20	EF150008x10 EF150008x30	EF150010x10 EF150010x30	EF150012x10 EF150012x30	EF150016x10 EF150016x30
( FOR GREY USE EF155' PREFIX )					
<b>DIMENSIONS:</b>					
INSIDE DIAMETER (mm)	6.0	8.0	10.0	12.0	16.0
OUTSIDE DIAMETER (mm)	10.0	12.1	14.6	16.4	20.7
MINIMUM BEND RADIUS (mm)	9.1	12.1	14.6	16.4	20.7
AVERAGE WEIGHT (kg/100m)	3.9	5.0	7.0	7.5	11.0
<b>MECHANICAL CLASSIFICATIONS:</b>					
CONNECTOR PULL-OFF				V.LIGHT	V.LIGHT
CONDUIT CRUSH				LIGHT	V.LIGHT

CONDUIT SIZE (mm)	25	32	40	50	63
ORDERING CODES	EF150022x10 EF150022x30	EF150028x10 EF150028x30	EF150035x10 EF150035x30	EF150040x10 EF150040x30	EF150050x10 EF150050x30
( FOR GREY USE EF155' PREFIX )					
<b>DIMENSIONS:</b>					
INSIDE DIAMETER (mm)	22.0	28.0	35.0	40.0	50.0
OUTSIDE DIAMETER (mm)	27.0	33.8	41.0	46.4	57.2
MINIMUM BEND RADIUS (mm)	27.0	33.8	41.0	46.4	57.2
AVERAGE WEIGHT (kg/100m)	15.0	21.0	28.0	34.0	43.0
<b>MECHANICAL CLASSIFICATIONS:</b>					
CONNECTOR PULL-OFF	LIGHT	LIGHT			
CONDUIT CRUSH	V.LIGHT	V.LIGHT			

FOR TEST METHODS AND EXPLANATION OF CLASSIFICATIONS SEE SHEET 810100.  
FOR PERFORMANCE DETAILS OF PVC MATERIAL SEE SHEET 810084.

### OTHER PROPERTIES:

ELECTRICAL BREAKDOWN VOLTAGE  
ELECTRICAL RESISTANCE  
RESISTANCE TO FLAME PROPAGATION

IP RATING WITH RECOMMENDED CONNECTOR

OPERATING TEMPERATURE  
APPROVALS

GREATER THAN 2kV.  
GREATER THAN 100MΩ.  
FLAME DIES IN LESS THAN 30 SECONDS AFTER IGNITION SOURCE REMOVED.  
RATED UL94 V<sub>0</sub>  
IP 65 (NO INGRESS OF TALCUM POWDER UNDER VACUUM AND NO INGRESS OF WATER WITH NOZZLE SPRAY FROM 3m)  
- 20 TO + 60° C.  
UR COMPONENT RECOGNISED

KOPEX FLEXIBLE CONDUIT IS INTENDED TO PROTECT CABLES IN APPLICATIONS WHERE THERE IS REPEATED FLEXING, VIBRATION AND BENDING. WHEN INSTALLING WIRING SYSTEMS, ADHERENCE TO THE CURRENT WIRING REGULATIONS BS7671 OR NEC WIRING REGULATIONS (FOR USA) 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.