



Technical Data Sheet

Plastic Flexible Conduit

CONSTRUCTION : NYLON



RECOMMENDED CONNECTOR : KOPEX PMA-FIX (KOPEX PMA-GRIP FOR SIZES 70 AND 95)

DIMENSIONS

NOMINAL SIZE (mm)	10	12	16	20	25	32	40	50	70	95
ORDERING CODES	EPG 0110 EPG 0130 EPG 0150	EPG 0210 EPG 0230 EPG 0250	EPG 0310 EPG 0330 EPG 0350	EPG 0410 EPG 0430 EPG 0450	EPG 0510 EPG 0530 EPG 0550	EPG 0610 EPG 0630 EPG 0650	EPG 0710 EPG 0730	EPG 0810 EPG 0830	EPG 1001	EPG 1201
INSIDE DIAMETER (mm)	6.4	9.0	11.9	16.5	22.7	28.8	34.0	46.0	68.0	93.0
OUTSIDE DIAMETER (mm)	10.0	13.0	15.8	21.2	28.5	34.7	42.5	54.5	80.0	106.0
MINIMUM BEND RADIUS (mm)	20.0	25.0	35.0	45.0	50.0	60.0	70.0	80.0	150.0	170.0
AVERAGE WEIGHT (kg/100m)	2.8	3.2	4.5	7.4	13.6	16.5	24.0	28.0	46.0	75.0
MECHANICAL PROPERTIES										
CONNECTOR PULL-OFF CLASSIFICATION	V.LIGHT	V.LIGHT	V.LIGHT	LIGHT	LIGHT	LIGHT				
CONDUIT CRUSH CLASSIFICATION (CLASSIFICATIONS TO BS731: PART 1)	LIGHT	LIGHT	LIGHT	MEDIUM	MEDIUM	MEDIUM				

OTHER PROPERTIES

ELECTRICAL "FLASH" VOLTAGE	GREATER THAN 2kV
INSULATION RESISTANCE	GREATER THAN 10 MEG-OHMS
RESISTANCE TO FLAME PROPAGATION	FLAME DIES IN LESS THAN 30 SECONDS AFTER IGNITION SOURCE REMOVED
IP RATING WITH RECOMMENDED KOPEX CONNECTOR (USING LIQUID-TIGHT SEAL)	IP66 (NO INGRESS OF TALCUM POWDER UNDER VACUUM) IP65 FOR PMA-GRIP CONNECTOR (NO INGRESS OF WATER WITH NOZZLE SPRAY FROM 3m)
OPERATING TEMPERATURE RANGE	-40 TO +120 DEGREES CELSIUS (10 TO 50mm SIZES). -50 TO +80 DEGREES FOR 70 & 95mm
COMPLIANCE WITH STANDARDS	BS731: PART 1 BS4792 (10 TO 50mm SIZES)
APPROVALS	VDE, SWISS ASSOCIATION OF ELECTRICIANS, TECHNOLOGICAL TRADE AND INDUSTRY MUSEUM (AUSTRIA), LLOYDS REGISTER OF SHIPPING - TYPE APPROVAL.

PLASTIC FLEXIBLE CONDUIT IS INTENDED TO PROTECT CABLES IN APPLICATIONS WHERE THERE IS REPEATED FLEXING, VIBRATION AND BENDING.
WHEN INSTALLING WIRING SYSTEMS, ADHERANCE TO THE CURRENT IEE WIRING REGULATIONS IS STRONGLY ADVISED.
THE COMPANY'S POLICY IS ONE OF CONTINUAL IMPROVEMENT AND IT RESERVES THE RIGHT TO CHANGE SPECIFICATIONS AT ANY TIME WITHOUT PRIOR NOTICE.

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