

# Main Duct

## SDR11

### ESB Electric Cable Duct Suitable For Welding

These solid, smooth wall ducts are manufactured from prime grade high density polyethylene (HDPE) and offer a robust and flexible cable protection system. They are suitable for butt fusion and electrofusion jointing.

They are manufactured in accordance with BS EN 61386-24:2010 and ESB Spec 16113 for power ducting.

These products are approved for ESB use.

Suitable for High Voltage (HV) and for Medium/Low Voltage (MV/LV) applications.

- Supplied square ended for butt or electro fusion welding
- Can also be mechanically jointed providing that the ends are chamfered on the outside edge by the installer.



#### Material

Prime black PE material and red outersheath skin (typically 0.7 - 1.2 mm thick)

#### Dimensions

OD Nominal (mm)	O.D min - max (mm)	Wall Thickness (including skin) min - max (mm)	I.D min (mm)	Ovality	Length* (m)	ESB Product Code	Radius Product Code
110	110.0 - 110.5	10.0 - 10.8	86.5	max 1.8mm	9	9317527	available on request
					100	---	ED0126
125	125.0 - 125.8	11.4 - 12.7	98.6	max 2mm	6	9317703	available on request
					9	9317663	ED0021
					12	9317715	ED0022
140	140.0 - 140.9	12.7 - 14.1	110.8	max 2mm	12	---	ED0442
					100	---	ED0446
					120	---	ED0447
180	180.0 - 181.0	17.0 - 18.2	142.6	max 2mm	6	9317710	available on request
					9	9317655	available on request
					12	9317711	ED0364
					100	---	ED0368
225	225.0 - 226.0	20.45 - 23.0	178.0	max 2mm	6	9317714	available on request
					9	9317613	ED0281
					12	9317716	ED0292
250	250.0 - 251.5	22.7 - 25.1	198.3	max 3mm	6	TBC	available on request
					9	9317658	available on request
					12	TBC	available on request

\*non-standard lengths are available in 13.5m, 15m stick. 50m or 100m coil is available up to 180mm OD duct.

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#### Marking

Printed every metre, 3 x black inkjet print lines at 120°, no more than 150mm between safety legends.

Printline:

“DANGER ELECTRICITY CABLES - RADIUS XXXmm SDR11 - 200J - DANGER ELECTRICITY CABLES - ESB SPEC  
16113 REV 8 - BATCH NUMBER - LINE NUMBER”

Note:

Coils print legend would also feature a metre count.