

TECHNICAL DATA SHEET



EVOCAB HARD

Corrugated double-wall conduits



PRODUCT DESCRIPTION

This halogen-free cable conduit is made of a HDPE composition and is available in 3 m and 6 m bars, and each piece comes standard with a coupler. The conduit has a corrugated outer and a smooth inner surface. Due to this, the conduit features high mechanical and impact strength properties. The conduits fully maintain the strength properties at temperatures between -25°C and +90°C. The standard conduit is red (RAL 3020), yellow (RAL 1018) or black (RAL 9005) and other colours are available upon request.

Material: HDPE, halogen-free material, compression strength type 450 or 750, impact resistance code N, temperature resistance from -25°C to +90°C.

Conduit is produced according to: EN 61386-1; EN 61386-24 standard specifications.

APPLICATION AREA

The HARD conduits are made of a rigid material and designed to withstand soil and vehicle loads. HARD conduits can be used for underground protection and insulation of cables and are especially suitable for systems requiring a high compression strength, i.e. under roads, squares, etc. The use of standard couplers allows a convenient rigid coupling of the conduits. Water-resistance (0.5 bar) of joints can be achieved by additional use of the sealing rings.

PRODUCT DIMENSIONS

Nominal size	50	63	75	90	110	125	160
Outside OD, mm	50.0	63.0	75.0	90.0	110.0	125.0	160.0
Inside ID, mm	40.7	51.7	62.7	76.2	94.1	106.7	137.0
Straight length, m	6	6	6	6	6	6	6
Pack, m	906	840	612	690	456	360	312
Truck load, m	25368	16800	12240	8280	5772	4320	2796

PRODUCT PARAMETERS

Parameter	Value	Test method
Material	HDPE	IEC 60754-1
Combustion	Combustible	EN 61386-1
Impact strength code	N	EN 61386-24
Compression strength, N	450 / 750	EN 61386-24
Temperature resistance, min/max °C	-25 / +90	EN 61386-1
Flexibility	Rigid	EN 61386-1

Impact resistance:
N (normal)
Compression
strength:
450N
750N