Underground Cable protection Conduits

These rigid double-wall cable conduits are manufactured in accordance with EN 61386 and other applicable standards and norms.

EVOCAB HARD corrugated double-wall conduits

This halogen-free cable conduit is made of a PEHD composition and is available in 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.

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.

Compression strength: 750 N/450 N

EN 61386-24

HARD type	Code	50	63	75	90	110	125	160
Outer Ø, [mm]		50.0	63.0	75.0	90.0	110.0	125.0	160.0
Inner Ø, [mm]		40.7	51.7	62.7	76.2	94.1	106.7	137.0
Bend radius [≥ m]		1,300	1,600	1,900	2,300	2,800	3,100	4,000
450 N, 6 m (with coupler)								
Pack [pcs]		151	140	174	115	76	60	52
Pack [m]		906	840	612	690	456	360	312
Truck load [m]		25368	16800	12240	8280	5472	4320	2496
Colour 1: red	121...	...050006RD	...063006RD	...075006RD	...090006RD	...110006RD	...125006RD	...1600060RD
Colour 2: black	121...	...050006BK	...063006BK	...075006BK	...090006BK	...110006BK	...125006BK	...1600060BK
Colour 3: yellow	121...	...050006YL	...063006YL	...075006YL	...090006YL	...110006YL	...125006YL	...1600060YL
750 N, 6 m (with coupler)								
Pack [pcs]		151	140	174	115	76	60	52
Pack [m]		906	840	612	690	456	360	312
Truck load [m]		25368	16800	12240	8280	5472	4320	2496
Colour 1: red	121...	...050006RD750	..063006RD750	...075006RD750	...090006RD750	...110006RD750	...125006RD750	...160006RD750
Colour 2: black	121...	...050006BK750	...063006BK750	...075006BK750	...090006BK750	...110006BK750	...125006BK750	...160006BK750
Colour 3: yellow	121...	...050006YL750	...063006YL750	...075006YL750	...090006YL750	...110006YL750	...125006YL750	...160006YL750