

TECHNICAL DATA SHEET



EVOCAB ELBOW with sealing ring (WATERTIGHT)

Variable angle elbow for cable protection



PRODUCT DESCRIPTION

The EVOCAB variable angle elbow is supplied with a factory sealing ring for watertight joints up to 0,5 bar. It is designed to provide mechanical protection and insulation for underground cables. The elbow features double-wall construction with corrugated outer and smooth inner wall and is fully compatible with EVOCAB standard couplers. The sealing ring makes the coupler joint watertight without affecting strength or ease of installation.

Material: HDPE, halogen-free

Compression strength 750 N, (code N, normal)

Temperature range: - 25°C to +90°C.

Colour: Black (RAL 9005 as standard, other colours on request)

Standards: Pipe produced according to: EN 61386-1; EN 61386-24

APPLICATION AREA

The EVOCAB cable protection pipes are rigid and designed to withstand soil and traffic loads. EVOCAB elbows are recommended where joint watertightness is required in addition to mechanical protection and are suitable for small bending radiuses when installing HARD type cable protection pipes. Standard couplers provide a convenient, rigid connection between pipes.

Compression strength: N750

Impact resistance: N (normal)

PRODUCT DIMENSIONS

Nominal size	50	75	110	125	160
Inside ID, mm	39.8	62.1	93	105.9	136.9
Straight length, m	1.0	1.5	1.5	1.5	1.5
Bend angle	15° - 90°	15° - 90°	15° - 90°	15° - 90°	15° - 90°
Bend radius, min. mm	230	230	230	280	280

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PRODUCT PARAMETERS

Parameter	Value	Test method
Material	HDPE	
Combustion	Combustible	EN 61386-1
Impact strength code	N	EN 61386-24
Compression strength, N	750	EN 61386-24
Temperature range, min/max °C	- 25°C to +90°C	