Phone: e-mail: +371 630-943-00 Info@evopipes.lv



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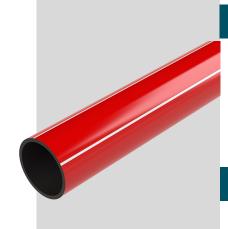
TECHNICAL DATA SHEET



EVODUCT RHDPE

Cable protection pipes

Conformity: EN 61386-1 EN 61386-24

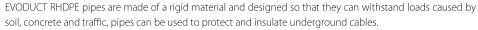


PRODUCT DESCRIPTION

EVODUCT RHDPE cable protection pipes, with red outer layer are meant for underground installations. Pipes outer layer is produced using PE100 material for safe electro fusion welding and recycled high density polyethylene (RHDPE) in inner layer. Special manufacturing processes ensure high compression and impact strength properties. The pipe has a smooth inner and outer surface.

Material: CO-EX produced outer layer from virgin PE100 material (\sim 10% of wall thick mess), interlayer made from RHDPE (recycled high density polyethylene, \sim 90% of wall thickness).





They are especially suitable for use in systems requiring a high compression strength, e.g. under roads, squares, etc. Pipes can be connected with double sockets, using electro fusion welding or contact welding, In case of contact welding not all connections can succeed due to the specifics of RHDPE.

Customers who are willing and able to control the risks that are related to RHDPE materials, can use these pipes also using trenchless installation methods, using horizontal drilling installation.



PRODUCT DIMENSIONS

Nominal DN/OD, mm	32	40	50	63	75	90	110	125	160	180	200	225	250	315	400
Internal ID, mm	26.0	34.0	44.0	55.4	66.0	79.2	90.0	102.2	130.8	147.2	163.6	184.0	204.6	257.8	327.4
Wall thickness, mm	3,0	3,0	3,0	3,8	4,5	5,4	6,6	7,35	9,41	10,58	11,76	13,23	14,70	18,53	23,53
SDR value	11	13.6	17	17	17	17	17	17	17	17	17	17	17	17	17

Compression strength: 1250N Impact resistance: N (normal) Material:

CO-EX mix RHDPE

PRODUCT PARAMETERS

Value	Value	Test method					
Material	10% outer layer PE100 (virgin) + 90% inner layer RHDPE						
Temperature resistance, min/max °C	-25 +90 °C						
Combustion (reaction to fire)	Combustible	EN 61386-1					
Impact strength code	N	EN 61386-24					
Compression strength, N	1250	EN 61386-1					

ID: TDS-1.V2EN-EVODUCT RHDPE

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