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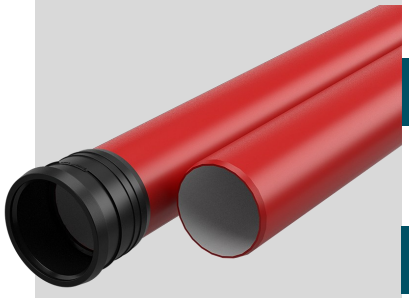
TECHNICAL DATA SHEET

RIGID ELECTRO PP

Smooth-wall cable protection pipes

Conformity:
EN 50626-2



PRODUCT DESCRIPTION

RIGID ELECTRO PP cable protection pipe is made of polypropylene. This cable protection pipe features a friction welded socket and locking sealing ring ensuring watertight connections (up to 0,5 bar).
Material: PP (Polypropylene), impact resistance code N,, temperature range - 25°C to +90°C.
Cable protection pipe conforms to: EN 50626-2 specifications.

APPLICATION AREA

RIGID ELECTRO PP is used for protection and installation of telecommunications, medium voltage and high voltage cables. Especially suited for sites with high traffic intensity.

PRODUCT DIMENSIONS

Outside OD, mm	110	160
Inside ID, mm	101,2	147,6
Straight length, m	6	6

PHYSICAL AND MECHANICAL PROPERTIES

Parameters	Characteristics	Compliance with standards
Material	Polypropylene (PP)	
Temperature range, min/max, °C	–25 °C .. +90 °C	
Combustion	Combustible	EN 60695-11-2:2018
Impact resistance class	N (Normal)	EN 50626-2
Nominal ring stiffness class (SN)	SN16	EN ISO 9969:2016
Performance Time (PT)	PT 100	EN ISO 1167-1:2006 EN ISO 1167-2:2006
Short-term pressure resistance	2h/12bar	EN ISO 1167-1:2006 EN ISO 1167-2:2006
Performance at low temperatures	–10 °C	EN ISO 11173:2017
IP protection rating	IP68*	EN 50626-2

*6 - Protection against ingress of solid foreign objects
8 - Protection against ingress of water

Nominal ring stiffness:
SN8
Impact resistance:
N (normal)

Open product

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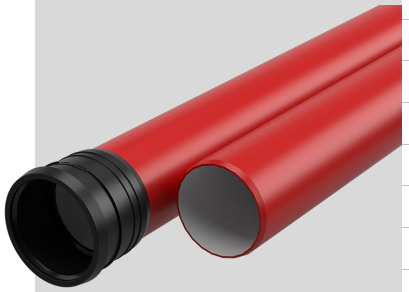

EXAMPLE OF PIPE MARKING

Aspect	Marking
Manufacturer	EVOPIPES
Product designation	RIGID ELECTRO PP
Polypropylene (PP) material grade	PP Multilayer
Compliance with the standard	EN 50626-2
Performance Time (PT)	PT100
Impact resistance class	N
Nominal ring stiffness class (SN), kN/m^2	SN8
Impact tests performed at -10°C	❄
Pipe outside diameter, mm	DN/OD 110
Lenght	6m
Date of manufacture	dd/mm/gg

Nominal ring stiffness:
SN8
Impact resistance:
N (normal)

Open product