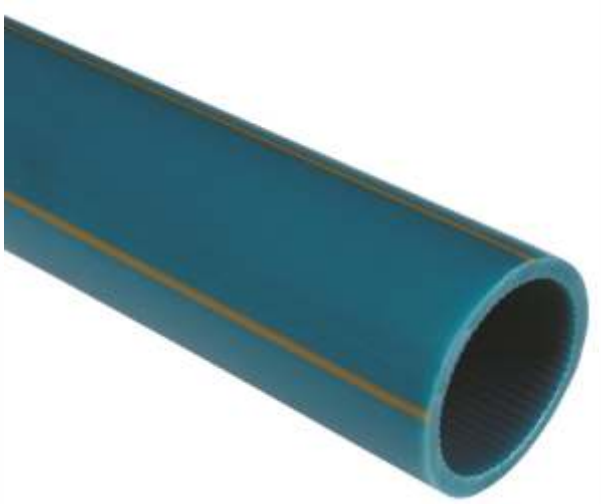

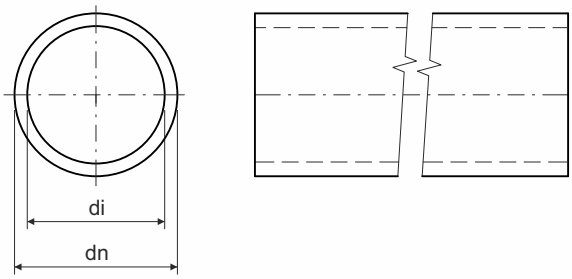

product description:

single-coated pipes designed to protect optical cables installed under ground

for larger volumes different color versions (beyond presented versions), labeling, number of differential stripes, denticular inner surface or inner diameter size (material thickness) can be ordered based on customer needs and specifications

the packaging on wooden drums and pallets for unwinding drums is delivered just upon previous order according to the customers's specification

the protectors are tested under pressure of 1,5 MPa for the time of 1 hour

in case of mechanical compaction of layers above the protector, take care not to exceed the value of the load capacity of the protector - see catalogue PIPE PROTECTORS

material: HDPE

halogen-free: yes

self-snuffing: no

temperature resistance: -5 - +50 °C

fire class for underlying material: A1

UV stable: no

mechanical resistance: 750 N / 20 cm

shock resistance: according to EN 61386-24: N (normal)

bend resistance: flexible

certification: EN 61386-24:11, EN 61386-1 ed.2:09

storage: ČSN 64 0090

length tolerance: ± 0,2 %

accessories: screw connectors, push connectors, fittings, vented fittings

chemical resistance:

YES: aceton, amoniak 25%, destilled water, ethanol 50%, sodium hydroxide 60%, hydrofluoric acid 40%, acetic acid 5%, sulfuric acid 96%, medicinal oil, methanol, olive oil, petroleum, hydrogen peroxide 20%, transformer oil, sodium carbonate

NO: anilin, chlorinated hydrocarbons, tetrachlorocarbon

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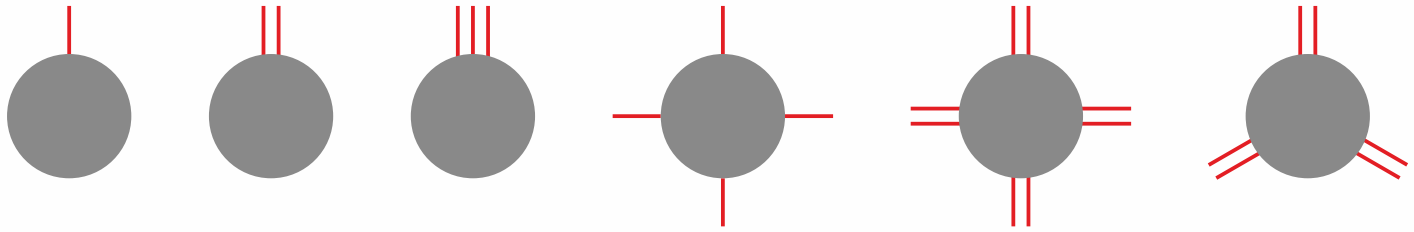
item number	dn outer Ø (mm)	di inner Ø (mm)	length (m)	minimum bending radius (mm)	package	weight of package (kg)	color	comment
06025_FS100	25	20	100	400	harness	16	black	to order
06025_KS100	25	20	100	400	harness	16	light grey	to order

item number	dn outer Ø (mm)	di inner Ø (mm)	length (m)	minimum bending radius (mm)	package	weight of package (kg)	color	comment
06032_AS100	32	27	100	400	harness	27	orange	
06032_BS100	32	27	100	400	harness	27	red	
06032_ES100	32	27	100	400	harness	27	yellow	
06032_FB	32	27	1750	400	drum	643	black	to order
06032_FS100	32	27	100	400	harness	27	black	
06032_LS100	32	27	100	400	harness	27	dark grey	

item number	dn outer Ø (mm)	di inner Ø (mm)	length (m)	minimum bending radius (mm)	package	weight of package (kg)	color	comment
06040_AB	40	33	1750	400	drum	861	orange	to order
06040_AP	40	33	2000	400	harness -pallet	799	orange	to order
06040_AS100	40	33	100	400	harness	44	orange	
06040_AS300	40	33	300	400	harness	119	orange	to order
06040_BB	40	33	1750	400	drum	861	red	to order
06040_BS100	40	33	100	400	harness	44	red	
06040_BS300	40	33	300	400	harness	119	red	to order
06040_CB	40	33	1750	400	drum	861	blue	to order
06040_CS100	40	33	100	400	harness	44	blue	
06040_CS300	40	33	300	400	harness	119	blue	
06040_DS100	40	33	100	400	harness	44	green	to order
06040_EB	40	33	1750	400	drum	861	yellow	to order
06040_ES100	40	33	100	400	harness	44	yellow	
06040_ES300	40	33	300	400	harness	119	yellow	to order
06040_FB	40	33	1750	400	drum	861	black	to order
06040_FS100	40	33	100	400	harness	44	black	
06040_KS100	40	33	100	400	harness	44	light grey	
06040_KS1VO	40	33	100	400	harness	44	light grey	description: veřejné osvětlení
06040_LB	40	33	1750	400	drum	44	dark grey	to order

item number	dn outer Ø (mm)	di inner Ø (mm)	length (m)	minimum bending radius (mm)	package	weight of package (kg)	color	comment
06050_AB	50	44	1250	500	drum	770	orange	to order
06050_AS100	50	44	100	500	harness	52	orange	
06050_BS100	50	44	100	500	harness	52	red	
06050_CP	50	44	1250	500	harness - pallet	714	blue	to order
06050_CS100	50	44	100	500	harness	52	blue	
06050_FB	50	44	1250	500	drum	770	black	to order
06050_FS100	50	44	100	500	harness	52	black	
06050_FS300	50	44	300	500	harness	144	black	

differential stripes: In case of larger volumes can pipes 06032 and 06040 according to customer specification ordered differential stripes bending details see below.
At one pipe is possible to produce strips in one color.