

Polyethylene Tubes

OEC Product Catalogue

Polyethylene Tube for drinking water transportation Series TB/PE 100

HDPE TUBE FOR FLUIDS UNDER PRESSURE (PE 100)

Article code: **See Table**

Technical characteristics:

- Produced with Polyethylene PE 100 classified material in compliance with regulation ISO/TR 9080.
- Colour: Black with co-extruded blue lines.

General characteristics:

- NTET tubes are extrusion manufactured and are generally used for piping industrial fluids under pressure or for drinking water. The pipes comply with Ministerial Circular n° 102 of 02/12/78 of the Ministry for Health and regulation UNI EN 12201-2 :2003.
- Supply: pipes can be supplied in coils, with personalized identification and lengths.
- Accessory junction sleeves can be supplied on request.

Code	External Diameter (mm)	PN 10	PN 16	PN 25
		SDR 17 S 8	SDR 11 S 5	SDR 7,4 S 3,2
		Thickness (mm)		
NOES0040-0050	50	3,0	-	-
NOES0040-0100	50	3,0	-	-
NOES0052-0050	63	3,8	-	-
NOES0052-0100	63	3,8	-	-
NOES0041-0050	75	4,5	-	-
NOES0041-0100	75	4,5	-	-
NOES0142-0050	90	5,4	-	-
NOES0042-0050	110	6,6	-	-
NOES0143-0006	125	7,4	-	-
NOES0143-0012	125	7,4	-	-
NOES0144-0006	140	8,3	-	-
NOES0144-0012	140	8,3	-	-
NOES0145-0006	160	9,5	-	-
NOES0145-0012	160	9,5	-	-
NOES0146-0006	180	10,7	-	-
NOES0146-0012	180	10,7	-	-
NOES0147-0006	200	11,9	-	-
NOES0147-0012	200	11,9	-	-
NOES0148-0006	225	13,4	-	-
NOES0148-0012	225	13,4	-	-
NOES0043-0100	32	-	3,0	-
NOES0044-0050	40	-	3,7	-
NOES0044-0100	40	-	3,7	-



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NOES0045-0050	50	-	4,6	-
NOES0045-0100	50	-	4,6	-
NOES0050-0050	63	-	5,8	-
NOES0050-0100	63	-	5,8	-
NOES0046-0050	75	-	6,9	-
NOES0046-0100	75	-	6,9	-
NOES0149-0050	90	-	8,2	-
NOES0047-0050	110	-	10,0	-
NOES0150-0006	125	-	11,4	-
NOES0150-0012	125	-	11,4	-
NOES0151-0006	140	-	12,8	-
NOES0151-0012	140	-	12,8	-
NOES0152-0006	160	-	14,6	-
NOES0152-0012	160	-	14,6	-
NOES0153-0006	180	-	16,4	-
NOES0153-0012	180	-	16,4	-
NOES0154-0006	200	-	18,2	-
NOES0154-0012	200	-	18,2	-
NOES0155-0006	225	-	20,5	-
NOES0155-0012	225	-	20,5	-
NOES0048-0100	20	-	-	3,0
NOES0049-0050	25	-	-	3,5
NOES0049-0100	25	-	-	3,5
NOES0019-0100	32	-	-	4,4
NOES0156-0100	40	-	-	5,5
NOES0157-0100	50	-	-	6,9
NOES0018-0100	63	-	-	8,6
NOES0158-0100	75	-	-	10,3
NOES0159-0050	90	-	-	12,3
NOES0160-0050	110	-	-	15,1
NOES0161-0006	125	-	-	17,1
NOES0161-0012	125	-	-	17,1
NOES0162-0006	140	-	-	19,2
NOES0162-0012	140	-	-	19,2
NOES0163-0006	160	-	-	21,9
NOES0163-0012	160	-	-	21,9
NOES0164-0006	180	-	-	24,6
NOES0164-0012	180	-	-	24,6
NOES0165-0006	200	-	-	27,4
NOES0165-0012	200	-	-	27,4
NOES0166-0006	225	-	-	30,8
NOES0166-0012	225	-	-	30,8

Temperature	Maximum Applicable Pressure PE 100 (bar)		
	PN 10	PN 16	PN 25
°C			
20	10	16	25
30	8	12,5	20
40	6	10	16

Polyethylene Tube for piping drinking water Series TB/PE 80

HDPE TUBE FOR FLUIDS UNDER PRESSURE (PE 80)

Article code: **See Table**

Technical characteristics:

- Produced with Polyethylene PE 80 classified material in compliance with regulation ISO/TR 9080.
- Colour: Black with co-extruded blue lines.

General characteristics:

- NTET tubes are extrusion manufactured and are generally used for piping industrial fluids under pressure or for drinking water. The pipes comply with Ministerial Circular n° 102 of 02/12/78 of the Ministry for Health and regulation UNI EN 12201-2 :2003.
- Supply: pipes can be supplied in coils, with personalized identification and lengths.
- Accessory junction sleeves can be supplied on request.

Code	External diameter (mm)	PN 5	PN 8	PN 12,5	PN 20
		SDR 26 S 12,5	SDR 17 S 8	SDR 11 S 5	SDR 7,4 S 3,2
		Thickness (mm)			
NOES0099-0006	160	6,2	-	-	-
NOES0099-0012	160	6,2	-	-	-
NOES0100-0006	180	6,9	-	-	-
NOES0100-0012	180	6,9	-	-	-
NOES0101-0006	200	7,7	-	-	-
NOES0101-0012	200	7,7	-	-	-
NOES0102-0006	225	8,6	-	-	-
NOES0102-0012	225	8,6	-	-	-
NOES0103-0100	50	-	3,0	-	-
NOES0104-0100	63	-	3,8	-	-
NOES0105-0100	75	-	4,5	-	-
NOES0106-0050	90	-	5,4	-	-
NOES0107-0050	110	-	6,6	-	-
NOES0108-0006	125	-	7,4	-	-
NOES0108-0012	125	-	7,4	-	-
NOES0109-0006	140	-	8,3	-	-
NOES0109-0012	140	-	8,3	-	-
NOES0110-0006	160	-	9,5	-	-
NOES0110-0012	160	-	9,5	-	-
NOES0111-0006	180	-	10,7	-	-
NOES0111-0012	180	-	10,7	-	-
NOES0112-0006	200	-	11,9	-	-
NOES0112-0012	200	-	11,9	-	-
NOES0113-0006	25	-	13,4	-	-



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NOES0113-0012	25	-	13,4	-	-
NOES0114-0100	32	-	-	3,0	-
NOES0115-0100	40	-	-	3,7	-
NOES0116-0100	50	-	-	4,6	-
NOES0117-0100	63	-	-	5,8	-
NOES0118-0100	75	-	-	6,9	-
NOES0119-0050	90	-	-	8,2	-
NOES0120-0050	110	-	-	10,0	-
NOES0121-0006	125	-	-	11,4	-
NOES0121-0012	125	-	-	11,4	-
NOES0122-0006	140	-	-	12,7	-
NOES0122-0012	140	-	-	12,7	-
NOES0123-0006	160	-	-	14,6	-
NOES0123-0012	160	-	-	14,6	-
NOES0124-0006	180	-	-	16,4	-
NOES0124-0012	180	-	-	16,4	-
NOES0125-0006	200	-	-	18,2	-
NOES0125-0012	200	-	-	18,2	-
NOES0126-0006	225	-	-	20,5	-
NOES0126-0012	225	-	-	20,5	-
NOES0127-0100	20	-	-	-	3,0
NOES0128-0100	25	-	-	-	3,5
NOES0129-0100	32	-	-	-	4,4
NOES0130-0100	40	-	-	-	5,5
NOES0131-0100	50	-	-	-	6,9
NOES0131-0050	50	-	-	-	6,9
NOES0132-0050	63	-	-	-	8,6
NOES0132-0100	63	-	-	-	8,6
NOES0133-0100	75	-	-	-	10,3
NOES0134-0050	90	-	-	-	12,3
NOES0135-0050	110	-	-	-	15,1
NOES0136-0006	125	-	-	-	17,1
NOES0136-0012	125	-	-	-	17,1
NOES0137-0006	140	-	-	-	19,2
NOES0137-0012	140	-	-	-	19,2
NOES0138-0006	160	-	-	-	21,9
NOES0138-0012	160	-	-	-	21,9
NOES0139-0006	180	-	-	-	24,6
NOES0139-0012	180	-	-	-	24,6
NOES0140-0006	200	-	-	-	27,4
NOES0140-0012	200	-	-	-	27,4
NOES0141-0006	225	-	-	-	30,8
NOES0141-0012	225	-	-	-	30,8

Temperature	Maximum Applicable Pressure PE 100 (bar)			
	PN 5	PN 8	PN 12,5	PN 20
20	5	8	12,5	20
30	4	6	10	16
40	3	5	8	12,5

Polyethylene tube for gas transportation Series TB/PE 80-GAS

HDPE TUBE for THE DISTRIBUTION OF FUEL GAS

Article code: **See Table**

Technical characteristics:

- Produced with Polyethylene PE 80 classified material in compliance with regulation ISO/TR 9080.
- Colour: Black with co-extruded yellow lines.

General characteristics:

- NTET tubes are extrusion manufactured and are generally used for piping fuel gasses. The pipes are certified UNI EN 1555 - D.M 11/99 : 1999.
- Supply: pipes can be supplied in coils, with personalized identification and lengths.
- Accessory junction sleeves can be supplied on request.

Code	External Diameter (mm)	S 12,5	S 8	S 5
		SDR 26	SDR 17	SDR 11
Thickness (mm)				
NOES0167-0006	200	7,7	-	-
NOES0167-0012	200	7,7	-	-
NOES0168-0006	225	8,6	-	-
NOES0168-0012	225	8,6	-	-
NOES0169-0100	40	-	3,0	-
NOES0170-0100	50	-	3,0	-
NOES0171-0100	63	-	3,6	-
NOES0172-0100	75	-	4,3	-
NOES0173-0050	90	-	5,2	-
NOES0174-0050	110	-	6,3	-
NOES0175-0006	125	-	7,1	-
NOES0175-0012	125	-	7,1	-
NOES0176-0006	140	-	8,0	-
NOES0176-0012	140	-	8,0	-
NOES0177-0006	160	-	9,1	-
NOES0177-0012	160	-	9,1	-
NOES0178-0006	180	-	10,3	-



TB/PE 80-GAS

NOES0178-0012	180	-	10,3	-
NOES0179-0006	200	-	11,4	-
NOES0179-0012	200	-	11,4	-
NOES0180-0006	225	-	12,8	-
NOES0180-0012	225	-	12,8	-
NOES0181-0100	20	-	-	3,0
NOES0182-0100	25	-	-	3,0
NOES0183-0100	32	-	-	3,0
NOES0184-0100	40	-	-	3,7
NOES0185-0100	50	-	-	4,6
NOES0186-0100	63	-	-	5,8
NOES0187-0100	75	-	-	6,8
NOES0188-0050	90	-	-	8,2
NOES0189-0050	110	-	-	10,0
NOES0190-0006	125	-	-	11,4
NOES0190-0012	125	-	-	11,4
NOES0191-0006	140	-	-	12,7
NOES0191-0012	140	-	-	12,7
NOES0192-0006	160	-	-	14,6
NOES0192-0012	160	-	-	14,6
NOES0193-0006	180	-	-	16,4
NOES0193-0012	180	-	-	16,4
NOES0194-0006	200	-	-	18,2
NOES0194-0012	200	-	-	18,2
NOES0195-0006	225	-	-	20,5
NOES0195-0012	225	-	-	20,5

Polyethylene Tubes for Irrigation Systems Series TB/PE-IRR

LDPE TUBES FOR IRRIGATION SYSTEMS

Article code: **See Table**

Technical characteristics:

- Produced with Polyethylene.
- Colour: Black.

General characteristics:

- NTET pipes are extrusion manufactured and generally used for irrigation systems. They are produced in compliance with regulation UNI 10955-1-2 and the hygiene and sanitary guidelines of the Ministry of Health relative to products associated with liquid nutrients.
- Supply: pipes can be supplied in coils, with personalized identification and lengths.
- Accessory junction sleeves can be supplied on request.

Code	External Diameter (mm)	PN 4	PN 6	PN 10
		SDR 17	SDR 11,6	SDR 7,4
Thickness (mm)				
NOES0023-0500	16	1,4	-	-
NOES0024-0200	20	1,6	-	-
NOES0024-0300	20	1,6	-	-
NOES0025-0100	25	1,7	-	-
NOES0025-0200	25	1,7	-	-
NOES0026-0100	32	1,9	-	-
NOES0026-0200	32	1,9	-	-
NOES0027-0100	40	2,4	-	-
NOES0027-0200	40	2,4	-	-
NOES0028-0100	50	3,0	-	-
NOES0028-0200	50	3,0	-	-
NOES0039-0100	63	3,7	-	-
NOES0086-0100	75	4,5	-	-
NOES0087-0100	90	5,3	-	-
NOES0088-0100	110	6,5	-	-
NOES0029-0500	16	-	1,6	-
NOES0030-0200	20	-	1,8	-



TB/PE E-IRR

NOES0031-0100	25	-	2,2	-
NOES0031-0200	25	-	2,2	-
NOES0032-0100	32	-	2,8	-
NOES0032-0200	32	-	2,8	-
NOES0033-0100	40	-	3,5	-
NOES0033-0200	40	-	3,5	-
NOES0034-0100	50	-	4,3	-
NOES0034-0200	50	-	4,3	-
NOES0035-0100	63	-	5,4	-
NOES0036-0050	75	-	6,5	-
NOES0037-0050	90	-	7,8	-
NOES0038-0050	110	-	9,5	-
NOES0089-0500	16	-	-	2,2
NOES0090-0300	20	-	-	2,7
NOES0091-0200	25	-	-	3,4
NOES0091-0200	32	-	-	4,4
NOES0093-0100	40	-	-	5,4
NOES0094-0050	50	-	-	6,8
NOES0094-0100	50	-	-	6,8
NOES0095-0050	63	-	-	8,6
NOES0095-0100	63	-	-	8,6
NOES0096-0050	75	-	-	10,2
NOES0096-0100	75	-	-	10,2
NOES0097-0100	90	-	-	12,1
NOES0098-0100	110	-	-	14,9

Polyethylene Tubes Series TB/PE-SCA

HDPE TUBE for IN GROUND DRAINAGE SYSTEMS

Article code: **See Table**

Technical characteristics:

- Product with Polyethylene
- Colour: Black.

General characteristics:

- NTET pipes are extrusion manufactured and generally used for in ground drainage systems. They are produced in compliance with regulation UNI 7613 type 303 for conducting household and commercial effluents.
- Supply: pipes can be supplied in coils, with personalized identification and lengths.
- Accessory junction sleeves can be supplied on request.

Code	External Diameter (mm)	PN 3,2
		Thickness (mm)
NOES0196-0006	110	3,5
NOES0196-0012	110	3,5
NOES0197-0006	125	3,9
NOES0197-0012	125	3,9
NOES0198-0006	*140	4,4
NOES0198-0012	*140	4,4
NOES0199-0006	160	5,0
NOES0199-0012	160	5,0
NOES0200-0006	*180	5,6
NOES0200-0012	*180	5,6
NOES0201-0006	200	6,2
NOES0201-0012	200	6,2
NOES0202-0006	*225	7,0
NOES0202-0012	*225	7,0
NOES0203-0006	250	7,8
NOES0203-0012	250	7,8
NOES0204-0006	*280	8,7
NOES0204-0012	*280	8,7
NOES0205-0006	315	9,8
NOES0205-0012	315	9,8

* Tube diameters 140 / 180 / 225 / 280 are not covered by UNI norms.



TB/PE-SCA

Polyethylene Tube for Cable Protection Series TB/M-T-40-50

POLYETHYLENE SINGLE/TRIPLE TUBES for CABLE PROTECTION

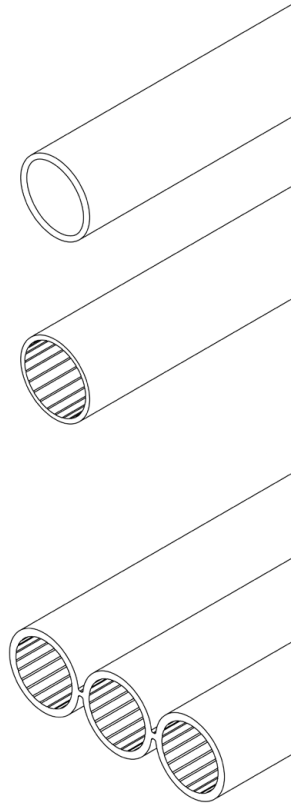
Article code: See Table

Technical characteristics:

- Stabilized polyethylene to prevent Polymer Degradation.

General characteristics:

- NTET pipes are extrusion manufactured and used for permanent ducts. They are a valid solution to protect optic fibre and copper telephone cables, low and medium voltage wires and signalling cables.
- Feature characteristics include lightness, elevated mechanical characteristics and easy installation.
- Pipes can be of different diameters, colours, single or multiple, smooth or textured.
- NTET pipes can be installed: in open trenches • predisposed ducts • Fibreglass channels for viaducts, galleries, bridges.
- Certification and Technical Specification of reference: NTET pipes are used by all Italian and some foreign telecommunication companies (Telecom Italia, Wind, Infostrada, Albacom, AEM, Global Glosing, Hermess, etc) and comply with their relative Specifications.
- Supply: pipes can be supplied in coils, with personalized identification and lengths.
- Accessories available on request include: Expansion plugs • Draw tape (cable puller) • Junction Sleeves • Personalized identification.



Code	Series	Description	Nominal Thickness (mm)	Length Coil (m)
3574423	TB/M-40	Smooth single pipe Ø 40 pn 6	3	400
NOES0368	TB/M-40	Smooth single pipe Ø 40 pn 10	3,5	400
NOES0002	TB/M-50	Grooved single pipe Ø 50 pn 6	3	300
NOES0366	TB/M-50	Grooved single pipe Ø 50 pn 10	3,5	300
5781944	TB/M-50	Grooved single pipe Ø 50 pn 12,5	4,6	300
NOES0220	TB/T-40	Grooved triple pipe Ø 40 pn 6	3	500
NOES0001	TB/T-50	Grooved triple pipe Ø 50 pn 6	3	350
NOES0367	TB/T-50	Grooved triple pipe Ø 50 pn 10	3,5	350



TB/M-T-40-50

Polyethylene tube for cable protection

Series TB/M-T-40-50

ACCESSORIES

Covers	
Code	
COST0128	Open plug Ø 40
COST0013	Open plug Ø 50
COST0117	Closed plug Ø 40
NOES0370	Expansion plug Ø 50

Junction Sleeve	
Code	
9785927	Brass sleeve for single tube Ø 50 PN 12,5

Connection kit	
Code	
NOES0372	Sleeve Junction Kit Ø 40 (mechanical adhesion)
NOES0373	Sleeve Junction Kit Ø 50 (mechanical adhesion)
NOES0372	Sleeve Junction Kit Ø 50 (thermal adhesion)