

MERIBIV



PVC-U PIPES AND FITTINGS
FOR SEWERS AND DRAINS

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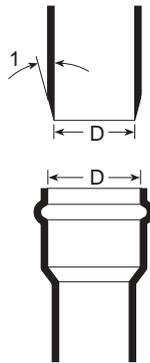


Plassim's Meribiv PVC-U gravity sewer and drain pipes have been the industry standard for 40 years.

APPLICATIONS

For buried sewers and drains and soil, waste and venting applications inside buildings.

CHARACTERISTICS



- Smooth internal surface preventing build up of deposits
- Excellent chemical resistance
- Excellent corrosion resistance
- Excellent abrasion resistance compared to concrete and steel
- Immunity to biological attack
- High rigidity with high resistance to fracture
- Hazen Williams coefficient: C=150
- Light weight for easy handling and installation
- Easily joined with integral bell sockets – no specialised equipment necessary
- Easy connection to concrete and plastic manholes
- A wide range of fittings and accessories available
- For working pressures up to 0.5 bar (4 bar capability in case of blockage)

STANDARDS

Plassim's PVC-U gravity sewer pipes are manufactured according to the following standards:

Meribiv standard: Israeli Standard 884, EN 1401 and ISO 4435.
Meribiv foam core: Israeli Standard 4299 and EN 13476.

SPECIFICATION

Colour:	Orange (RAL 8023)
Length:	Standard 3 and 4 meter lengths. <i>(Other lengths available on application).</i>
Joints:	Integral bell sockets with rubber seals.
Ring Stiffness:	4kN/m ² or 8kN/m ² for heavy duty applications.
Material:	Specific gravity 1.4 g/cm ³
	Tensile strength 50 N/mm ²
	Modulus of elasticity 3000 N/mm ²
	Thermal conductivity 0.15 W/m °C
	Specific heat 0.23 kcal/kg °C
	Coefficient of linear thermal expansion 0.08 mm/m °C

PIPES

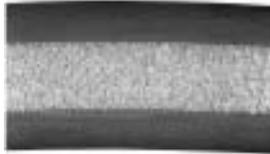
MERIBIV STANDARD PIPE



- Available with nominal ring stiffness of 4 kN/m² or 8 kN/m² (SN4 and SN8)
- Includes integral socket and ring seal

OD (mm)	WALL THICKNESS	
	SN4	SN8
110	3.2	3.2
160	4.0	4.7
200	4.9	5.9
250	6.2	7.3
315	7.7	9.2
355	8.7	10.4
400	9.8	11.7
450	11.0	13.2
500	12.3	14.6
630	15.4	18.4
710	17.4	20.7

MERIBIV FOAM CORE PIPE



- Available with nominal ring stiffness of 4 kN/m² or 8 kN/m² (SN4 and SN8)
- Includes integral socket and ring seal

OD (mm)	WALL THICKNESS	
	SN4	SN8
110	3.0	3.4
160	4.2	4.9
200	5.1	6.2
250	6.3	7.7
315	7.9	9.7
355	-	10.9
400	-	12.3
450	-	13.8
500	-	15.3

FITTINGS

REDUCER



Cat No.	OD (mm)
28110D0050	110-50
28160D0110	160-110
28220D0110	200-110
28200D0160	200-160
28250D0160	250-160
28250D0200	250-200
28315D0160	315-160
28315D0200	315-200
28315D0250	315-250
28400D0315	400-315
28400D0355	400-355

FITTINGS

87° ELBOW



- Elbows with or without inspection aperture available
- Fabricated segmented elbows available on application
- Larger diameters available on application

Cat No.	OD (mm)
28110Z0500	110
28160Z0500	160
28200Z0500	200
28250Z0500	250
28315Z0500	315
28355Z0500	355
28400Z0500	400
28450Z0500	450
28500Z0500	500

45° ELBOW



- Elbows with or without inspection aperture available
- Fabricated segmented elbows available on application
- Larger diameters available on application

Cat No.	OD (mm)
28110Z0300	110
28160Z0300	160
28200Z0300	200
28250Z0300	250
28315Z0300	315
28355Z0300	355
28400Z0300	400
28450Z0300	450
28500Z0300	500

15°, 30° and 67° elbows are also available

TEE



- Tees with or without inspection aperture available

Cat No.	OD (mm)
28110T0502	110-110-110
25160T0502	160-110-160
28160T0504	160-160-160
25200T0500	200-110-200
28200T0501	200-160-200
28200T0502	200-200-200
28250T0500	250-110-250
28250T0502	250-160-250
28250T0503	250-200-250
28250T0504	250-250-250
28315T0500	315-110-315
28315T0501	315-160-315
28315T0502	315-200-315
28315T0503	315-315-315
28355T0500	355-355-355
28400T0500	400-400-400
28450T0500	450-450-450
28500T0500	500-500-500

45° BRANCH COUPLER

- Branches with or without inspection aperture available



Cat No.	OD (mm)
28110T0302	110-110
28160T0302	160-110
28160T0304	160-160
28200T0300	200-110
28200T0301	200-160
28200T0302	200-200
28250T0300	250-110
28250T0302	250-160
28250T0303	250-200
28250T0304	250-250
28315T0300	315-110
28315T0301	315-160
28315T0302	315-200
28315T0303	315-315

STRAIGHT COUPLER



Cat No.	OD (mm)
28110M0000	110
28160M0000	160
28200M0000	200
28250M0000	250
28315M0000	315
28355M0000	355
28400M0000	400
28450M0000	450
28500M0000	500
28630M0000	630
28710M0000	710

REPAIR COUPLER

- For larger diameters steel dressers should be used



Cat No.	OD (mm)
28110K0000	110
28160K0000	160
28200K0000	200
28250K0000	250
28315K0000	315

FITTINGS

MANHOLE SECTION-SOCKET

- With socket joint for connection to concrete manholes



Cat No.	OD (mm)
28110M0200	110
28160M0200	160
28200M0200	200
28250M0200	250
28315M0200	315
28355M0200	355
28400M0200	400
28500M0200	500
28630M0200	630
28710M0200	710

MANHOLE SECTION-SPIGOT

- With spigot joint for connection to concrete manholes



Cat No.	OD (mm)
28110M0300	110
28160M0300	160
28200M0300	200
28250M0300	250
28315M0300	315
28355M0300	355
28400M0300	400
28500M0300	500
28630M0300	630
28710M0300	710

END CAP-SPIGOT



Cat No.	OD (mm)
28110P0200	110
28160P0200	160
28200P0200	200
28250P0200	250
28315P0200	315
28355P0200	355
28400P0200	400

FITTINGS**END CAP-SOCKET**

Cat No.	OD (mm)
28110P0300	110
28160P0300	160
28200P0300	200
28250P0300	250
28315P0300	315
28355P0300	355
28400P0300	400

COVER

Cat No.	OD (mm)
28110P0100	110
28160P0100	160
28200P0100	200
28250P0100	250
28315P0100	315
28355P0100	355
28400P0100	400

RING SEAL

Cat No.	OD (mm)
52110A0200	110
52160A0200	160
52200A0200	200
52250A0200	250
52315A0200	315
52355A0200	355
52400A0200	400
52450A0200	450
52500A0200	500
52630A0200	630
52710A0200	710