

Marley Drainflo®

Corrugated Drainage







Marley Drainflo® is manufactured from high density polyethylene, with a corrugated profile wall to give high crush resistance, flexibility and lightness. The product has slots punched at the bottom of the corrugation and spaced around the circumference, it is also available unpunched.

The range includes Drainflo®, Drainflo® HD, Drainflo® Smooth and Drainflo® Smooth HD and they can be used in building, landscaping, infrastructure, and rural applications.

Drainflo is ideal for retaining walls, landscaping in general and sub-soil drainage.

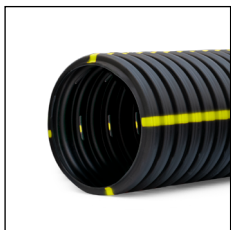
General Product Information

| Product | Diameters | SN Rating |
|---|---------------------------------|-----------|
|  Drainflo | 65mm 110mm 160mm 160mm | SN6 |
|  Drainflo HD | 110mm 160mm | SN10 |
|  Drainflo Smooth | 110mm 160mm | SN6 |
|  Drainflo Smooth HD | 110mm 160mm | SN10 |

- › Available:
 - › Punched (for drainage) with an option for a pre-applied Cirtex filter stock for an extra level of filtration
 - › Unpunched (for fluid transmission)
- › 100% recyclable
- › Drainflo Smooth HD complies with NZTA F/2 specifications

Components of the range

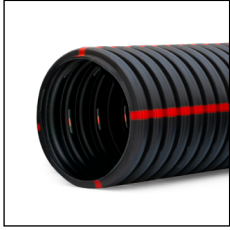
Drainflo®



| CODE | DIAMETER | COIL LENGTH |
|--------------|----------|-------------|
| 400.65.15 | 65mm | 15m |
| 400.65.30 | 65mm | 30m |
| 400.65.150 | 65mm | 150m |
| 500.65.15U | 65mm | 15m |
| 500.65.30U | 65mm | 30m |
| 500.65.150U | 65mm | 150m |
| 400.110.15 | 110mm | 15m |
| 400.110.30 | 110mm | 30m |
| 400.110.50 | 110mm | 50m |
| 400.110.100 | 110mm | 100m |
| 400.110.15FS | 110mm | 15m |

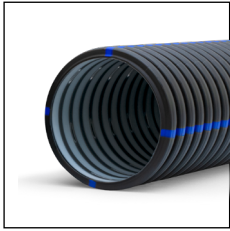
| CODE | DIAMETER | COIL LENGTH |
|---------------|----------|-------------|
| 400.110.30FS | 110mm | 30m |
| 400.110.100FS | 110mm | 100m |
| 500.110.15U | 110mm | 15m |
| 500.110.30U | 110mm | 30m |
| 500.110.100U | 110mm | 100m |
| 400.160.15 | 160mm | 15m |
| 400.160.45 | 160mm | 45m |
| 400.160.45FS | 160mm | 45m |
| 500.160.15U | 160mm | 15m |
| 500.160.45U | 160mm | 45m |

Drainflo® HD



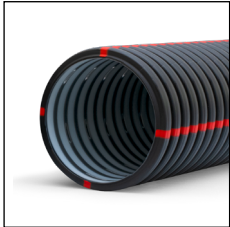
| CODE | DIAMETER | COIL LENGTH |
|-----------------|----------|-------------|
| 400.110.50HD | 110mm | 50m |
| 400.110.100HD | 110mm | 100m |
| 400.110.100HDFS | 110mm | 100m |
| 500.110.100HDU | 110mm | 100m |
| 400.160.45HD | 160mm | 45m |
| 400.160.45HDFS | 160mm | 45m |
| 500.160.45HDU | 160mm | 45m |

Drainflo® Smooth



| CODE | DIAMETER | COIL LENGTH |
|---------------|----------|-------------|
| 420.110.15 | 110mm | 15m |
| 420.110.30 | 110mm | 30m |
| 420.110.50 | 110mm | 50m |
| 420.110.100 | 110mm | 100m |
| 420.110.30FS | 110mm | 30m |
| 420.110.100FS | 110mm | 100m |
| 520.110.15 | 110mm | 15m |
| 520.110.30 | 110mm | 30m |
| 520.110.100 | 110mm | 100m |
| 420.160.45 | 160mm | 45m |
| 420.160.45FS | 160mm | 45m |
| 520.160.45 | 160mm | 45m |

Drainflo® Smooth HD



| CODE | DIAMETER | COIL LENGTH |
|-----------------|----------|-------------|
| 420.110.50HD | 110mm | 50m |
| 420.110.100HD | 110mm | 100m |
| 420.110.100HDFS | 110mm | 100m |
| 520.110.100HD | 110mm | 100m |
| 420.160.45HD | 160mm | 45m |
| 420.160.45HDFS | 160mm | 45m |
| 520.160.45HD | 160mm | 45m |

Drainflo® Fittings

Junction "Y"



| CODE |
|------------|
| 504.110.45 |
| 504.160.45 |

Straight Coupler



| CODE |
|---------|
| 510.65 |
| 510.110 |
| 510.160 |

Reducing Junction "Y"



| CODE |
|----------------|
| 505.160.110.45 |

Reducing Coupler



| CODE |
|-------------|
| 523.160.110 |

Manufacturer

Marley New Zealand Limited

- › 32 Mahia Rd, Manurewa, Auckland, New Zealand
- › 0800 627539
- › www.marley.co.nz
- › info@marley.co.nz
- › NZBN: 9429038863431

Others

Blow Moulders Limited

- › 8 Waikaukau Road, Glen Eden, Auckland 0641
- › www.blowmoulders.co.nz
- › sales@bml.co.nz

Packtech Moulding

- › 32 Link Drive, Rolleston 7614
- › www.packtechmoulding.co.nz
- › sales@packtechmoulding.co.nz

Relevant Building Code Clauses

Marley Drainflo pipes when used, installed, and maintained in accordance with the requirements outlined in this document, will meet or contribute to meeting:

- › NZBC Clause B2: Durability. Exceeds the requirement NZBC B2.3.1 c) 5 years
- › NZBC Clause F2: Hazardous Building Materials. Meets this requirement and will not present a health hazard to people.
- › NZBC Clause E1: Surface Water

Quality Assurance

Product batch release testing is conducted by Quality Control systems according to manufacturing standards at the site of manufacture. All product compliance validation is conducted at the Marley IANZ Registered Laboratory (IANZ 92).

Design

High density polyethylene is resistant to acids (particularly soil acids), alkalis non-aromatic solvents and oils. It is not subject to attack nor will it support the growth of bacteria. However, iron ochre or similar soil bacterial growths formed when certain ground waters come into contact with air can cause blockage of the inlet holes in extreme conditions will block the pipe bore. This problem should be discussed with a qualified drainage consultant.

In general pipe gradients between 0.6% and 1.2% are practical and most efficient. Steeper grades obviously produce greater discharges than flatter grades, but should be used with caution. A water velocity of 0.5m/sec is desired to flush out fine sand or coarse silt which may enter the pipe. Accurate control of trench grade and hence pipe grade is required. Flatter grades need to be treated with caution due to low flow rates and possible silting.

Product Storage

Drainflo can be stored in the open for up to 12 months but stack flat in the cool shade is recommended.

Installation

Refer to our [Installation instructions](#).

Maintenance

Limited to no maintenance requirements for correctly installed Drainflo.

Warning and/or Bans

Drainflo is not subject to any warning or ban.