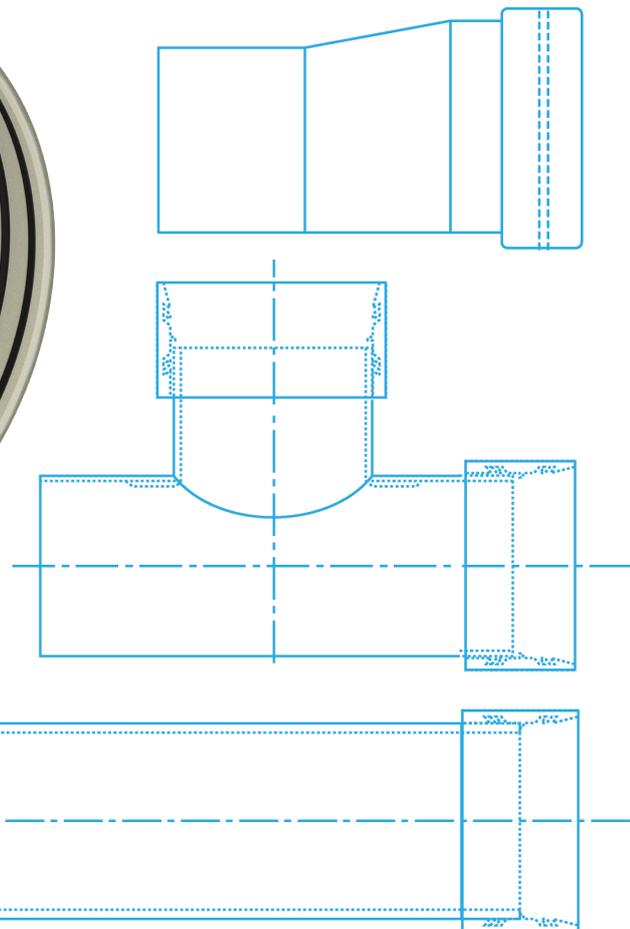




Flowtite GRP non-pressure pipe systems

Technical product data



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| FITTINGS | 9 | Segmented Elbow |
| | 11 | T-Piece Concentric |
| | 20 | T-Piece Eccentric |
| | 28 | Reducer |
| | 30 | y-Piece 45° |
| | 39 | y-Piece 60° |



This version replaces all previous versions. For all current data and values please visit www.amiblu.com.

Abbreviations

| | |
|----------|---|
| α | Angle |
| B1 | DE to product standard (EN 1796/EN 14364) |
| B2 | DE to GRP and casting standards |
| B3 | DE to GRP and PVC standards |
| B4 | DE to GRP and steel standards |
| BE | Branch eccentricity |
| BL | Branch length / Bend length |
| BLL | Branch laying length |
| BP | Branch position |
| d_e | External diameter |
| d_{eB} | External diameter branch |
| d_{eH} | External diameter header |
| d_{eL} | External diameter large |
| d_{eS} | External diameter small |

| | |
|--------|-------------------------|
| DN | Nominal Diameter |
| DN_B | Nominal diameter branch |
| DN_H | Nominal diameter header |
| DN_L | Nominal diameter large |
| DN_S | Nominal diameter small |
| DS | Diameter series |
| e | Wall thickness |
| HLL | Header laying length |
| LL | Laying length |
| LN | Nominal length |
| m | Weight |
| PN | Nominal Pressure |
| R | Radius |
| SN | Nominal Stiffness |

Joins and Couplings



Flowtite non-pressure coupling (FSC)

Diameter range (DN): 200 - 3000 mm

Angular deflection*: up to 3°

* The degree of angular deflection depends on the pipe diameter. Please contact Amiblu for further information.



GRP sleeve

Diameter range (de): 272 - 3600 mm



Stainless steel sleeve

Diameter range (de): 272 - 3600 mm



Stainless steel sleeve with integrated rubber seal

Diameter range (de): 272 - 2500 mm

Field joints for pressure & gravity applications

Laminated field joints are available in uniaxial and biaxial designs. Amiblu provides the necessary instructions or skilled personnel for butt-wrap joining in pressure and non-pressure applications. Technologies developed by Amiblu provide faster and more cost-efficient installations.

Masonry couplings

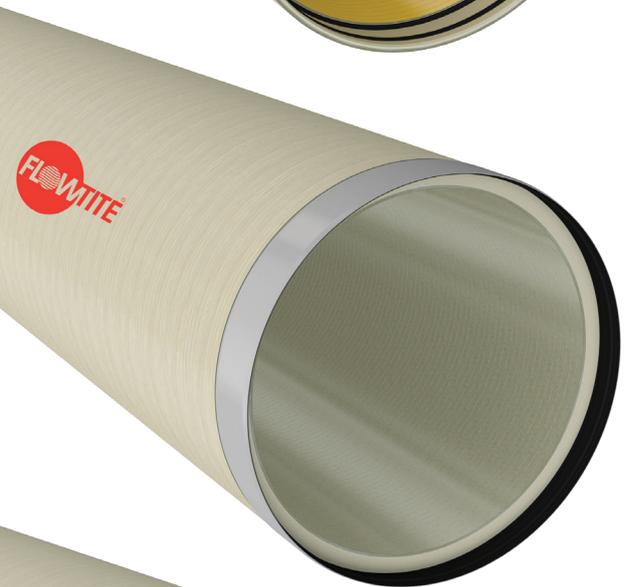
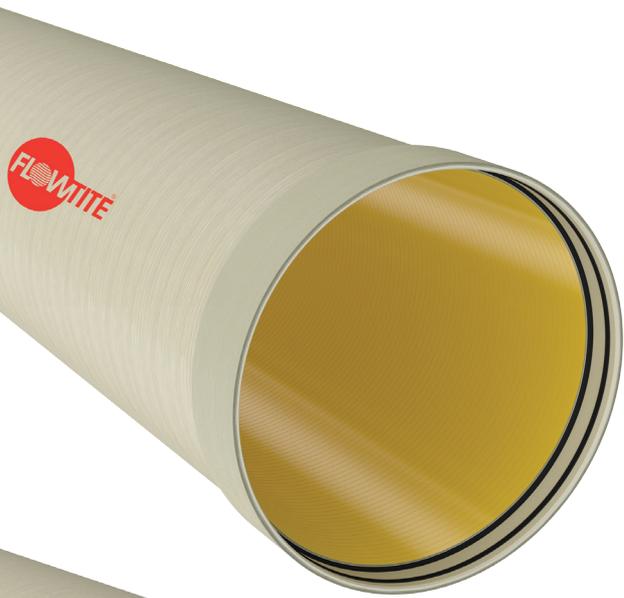
The masonry coupling is used for connecting pipes to concrete shafts and walls. Masonry couplings are sanded for improved stability in concrete shafts. Masonry couplings can be delivered with pipe ring, and optionally with sealing tape. Lengths can be selected as required in consideration of the pipe joint data.

Mechanical couplings

Amiblu couplings can be joined using mechanical steel couplings such as tangential bolt couplings or axial bolt couplings.

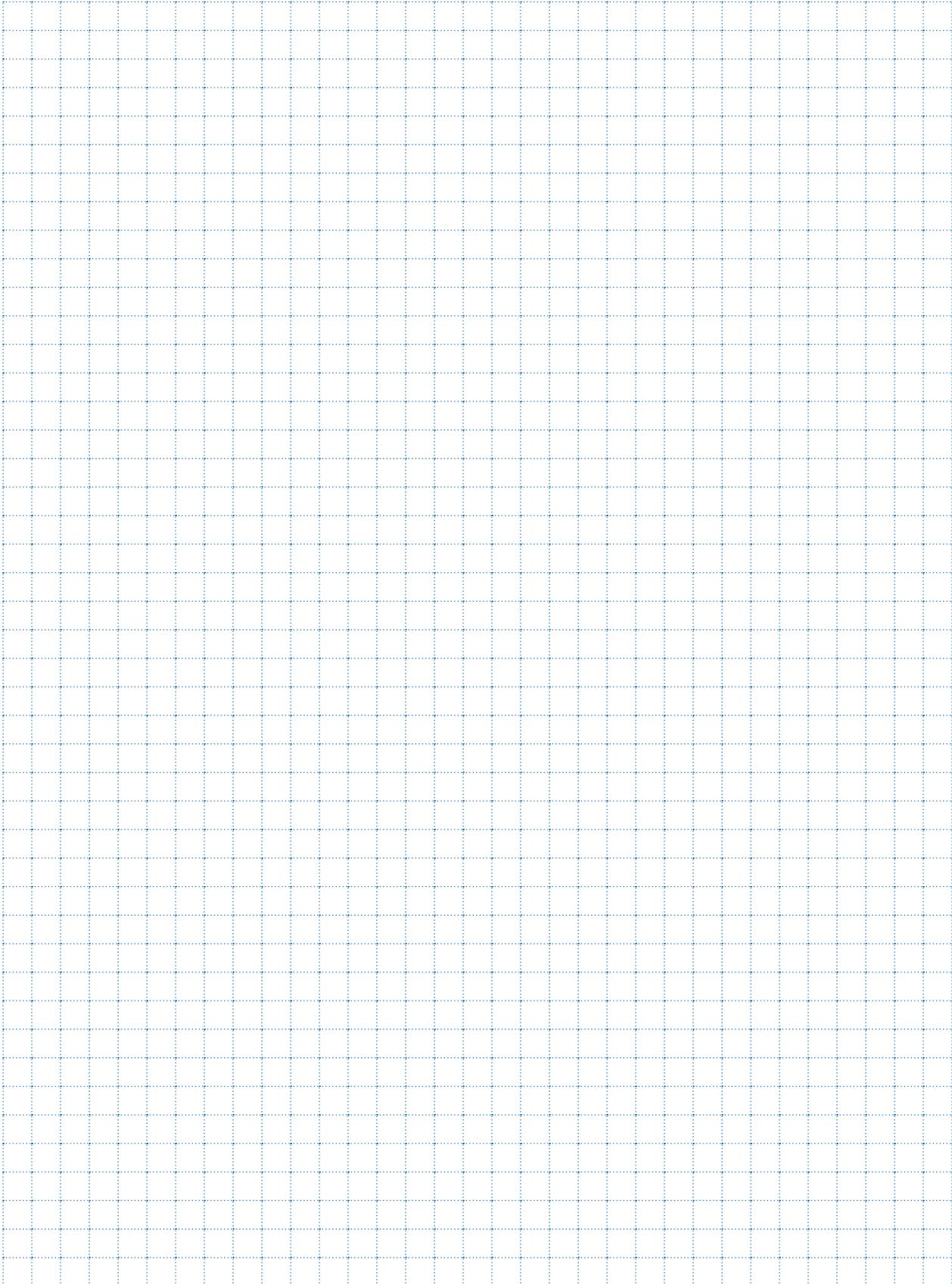
Amiblu flanges

Amiblu manufactures and sells flanges in various designs and according to different standards and requirements. When connecting two GRP flanges, the standard bolt pattern to which flanges are manufactured is EN 1092. Other bolting dimension systems such as according to AWWA, ANSI, DIN, and JIS can be supplied.



Amiblu offers a broad portfolio of filament wound Flowtite GRP pipe systems for various applications and installation methods, e.g. jacking pipes, relining pipes, special pipes with highly durable inner liner, and many more. For the complete range of offered products, please visit www.amiblu.com.

Notes



Why there is nothing else like an Amiblu pipe system



Engineered for the next 150 years



Service-focused partners to solve your problems



Innovation to challenge the status quo



Amiblu®

Explore more on [amiblu.com](https://www.amiblu.com) or contact your local partner for sustainable GRP pipe solutions.

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