

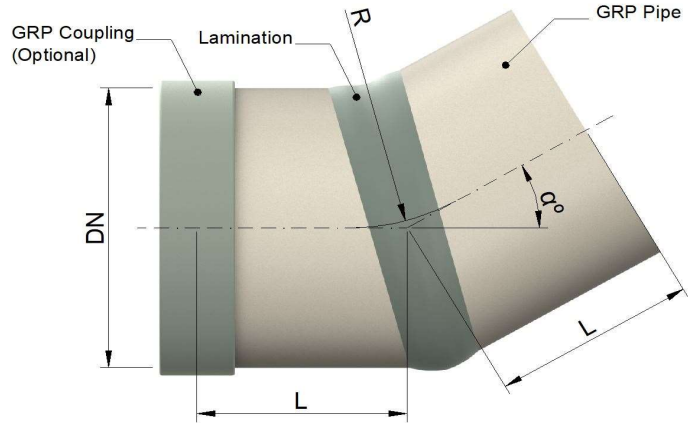
GRP ELBOW TECHNICAL DATA SHEET

Angle: $\alpha \leq 11.25^\circ$
Nominal Pressure: 1 - 6 Bar

Raw Material: Polyester Resin
 Multiaxial Glass Fabric (800 gr/m²)
 Chopped Strand Mat (450 gr/m²)

Design: Uni - Axial

Number of Miter: Single Miter



Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
300	450	275
350	525	275
400	600	325
450	675	325
500	750	325
600	900	325
700	1050	400
800	1170	400
900	1200	400
1000	1270	425
1100	1320	475
1200	1370	475
1300	1420	500
1400	1470	500
1500	1570	550
1600	1670	600
1700	1770	675
1800	1870	675
1900	1970	700
2000	2070	700

Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
2100	2170	775
2200	2270	775
2300	2370	800
2400	2470	800
2500	2600	1000
2600	2700	1000
2700	2800	1100
2800	2900	1100
2900	3000	1200
3000	3100	1200
3100	3200	1300
3200	3300	1300
3300	3400	1400
3400	3500	1400
3500	3600	1500
3600	3700	1500
3700	3800	1600
3800	3900	1600
3900	4000	1700
4000	4100	1700

NOTES:

- 1) Superlit elbows comply with EN 1796, EN 14364, ISO 10639, ISO 10467 international standards and manufacturing tolerances to be applied on all above given dimensions.
- 2) Elbows and options can be selected as spigot, coupling or flange. (By default all bends are delivered with one end coupling, one end spigot)
- 3) Max. single miter angle does not exceed 30 degrees.
- 4) This is a mitered bend assembled by lamination.
- 5) Elbows must be used with a suitable designed thrust block in pressure lines.
- 6) Installation of elbows should be done according to Superlit installation manual.
- 7) Bends with different dimensions can be produced as per project requirements. (Such as larger radius or longer laying lengths)

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The manufacturer SUPERLIT has rights to change above technical data without notice and above values may differ from real product. This document includes dimensional properties of standard elbows and it has been prepared for general purpose. Please consult SUPERLIT design department for specific requirements and project conditions.