

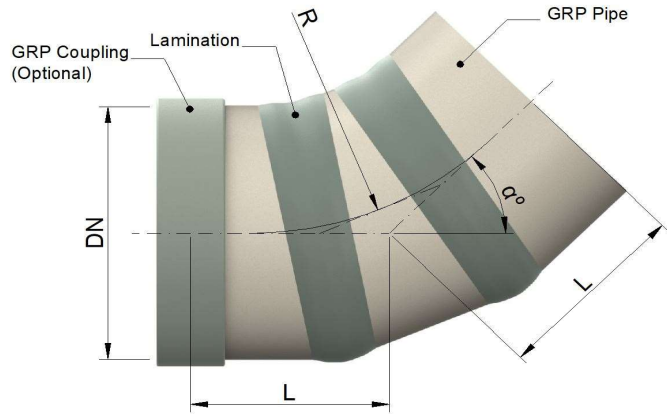
GRP ELBOW TECHNICAL DATA SHEET

Angle: $30^\circ < \alpha \leq 45^\circ$
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: 2 Miters



Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
300	450	400
350	525	425
400	600	475
450	675	525
500	750	525
600	900	600
700	1050	650
800	1170	700
900	1200	725
1000	1270	750
1100	1320	800
1200	1370	825
1300	1420	875
1400	1470	900
1500	1570	1025
1600	1670	1100
1700	1770	1200
1800	1870	1200
1900	1970	1300
2000	2070	1300

Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
2100	2170	1400
2200	2270	1400
2300	2370	1500
2400	2470	1500
2500	2600	1700
2600	2700	1700
2700	2800	1800
2800	2900	1800
2900	3000	1900
3000	3100	1900
3100	3200	2000
3200	3300	2000
3300	3400	2100
3400	3500	2100
3500	3600	2200
3600	3700	2200
3700	3800	2300
3800	3900	2300
3900	4000	2400
4000	4100	2400

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.