

GRP ELBOW TECHNICAL DATA SHEET

Angle: $22.5^\circ < \alpha \leq 30^\circ$

Nominal Pressure: 16 Bar

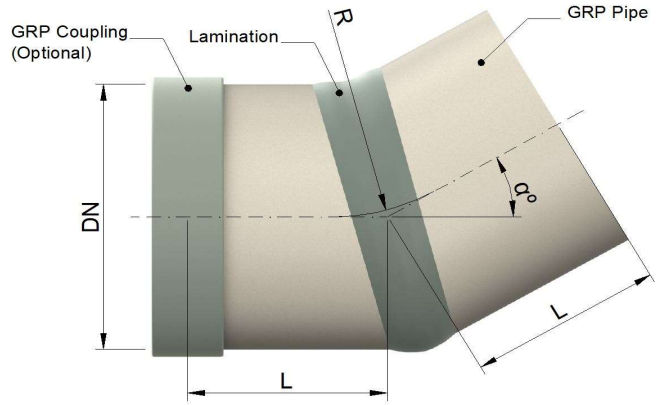
Raw Material: Polyester Resin

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	325
350	525	325
400	600	375
450	675	400
500	750	400
600	900	450
700	1050	475
800	1170	525
900	1200	550
1000	1270	575
1100	1320	600
1200	1370	600
1300	1420	650
1400	1470	675
1500	1570	725
1600	1670	800
1700	1770	850
1800	1870	850
1900	1970	900
2000	2070	900

Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
2100	2170	950
2200	2270	950
2300	2370	1000
2400	2470	1000
2500	2600	1200
2600	2700	1200
2700	2800	1300
2800	2900	1300
2900	3000	1400
3000	3100	1400
3100	3200	1500
3200	3300	1600
3300	3400	1700
3400	3500	1700
3500	3600	1800
3600	3700	1800
3700	3800	1900
3800	3900	1900
3900	4000	2000
4000	4100	2000

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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Rev. 00		

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.