

GRP ELBOW TECHNICAL DATA SHEET

Angle: $60^\circ < \alpha \leq 90^\circ$

Nominal Pressure: 16 Bar

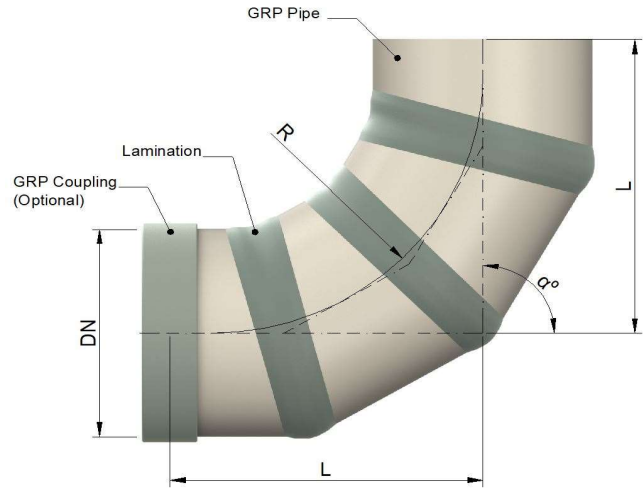
Raw Material: Polyester Resin

Multiaxial Glass Fabric (800 gr/m²)

Chopped Strand Mat (450 gr/m²)

Design: Uni - Axial

Number of Miter: 3 Miters



Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
300	450	650
350	525	700
400	600	800
450	675	950
500	750	950
600	900	1075
700	1050	1200
800	1170	1350
900	1200	1400
1000	1270	1450
1100	1320	1550
1200	1370	1600
1300	1420	1650
1400	1470	1700
1500	1570	1900
1600	1670	2000
1700	1770	2200
1800	1870	2200
1900	1970	2400
2000	2070	2400

Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
2100	2170	2600
2200	2270	2600
2300	2370	2800
2400	2470	2800
2500	2600	3000
2600	2700	3000
2700	2800	3200
2800	2900	3200
2900	3000	3400
3000	3100	3400
3100	3200	3600
3200	3300	3600
3300	3400	3800
3400	3500	3800
3500	3600	4000
3600	3700	4000
3700	3800	4200
3800	3900	4200
3900	4000	4400
4000	4100	4400

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)

Document Number: TD CTP 43 / 18		Date : 11.11.2021
Issued By	Approval	
Design and R&D	Technology and Product Development	
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.