

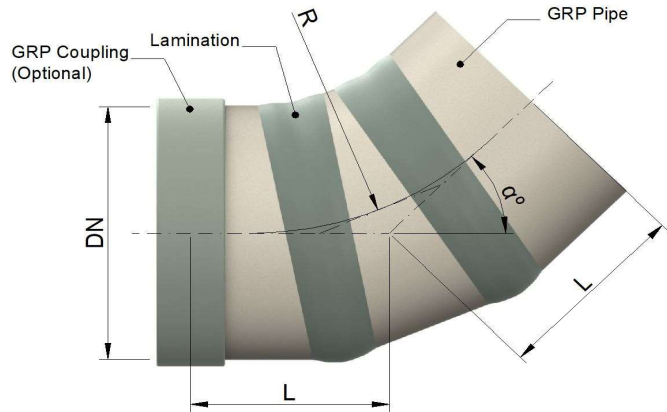
# GRP ELBOW TECHNICAL DATA SHEET

**Angle:**  $45^\circ < \alpha \leq 60^\circ$   
**Nominal Pressure:** **10 Bar**

**Raw Material:** Polyester Resin  
 Multiaxial Glass Fabric (800 gr/m<sup>2</sup>)  
 Chopped Strand Mat (450 gr/m<sup>2</sup>)

**Design:** Uni - Axial

**Number of Miter:** 2 Miters



Nominal Diameter	Radius	Length
(DN)	(R)	(L)
mm	mm	mm
300	450	450
350	525	500
400	600	550
450	675	625
500	750	625
600	900	700
700	1050	775
800	1170	850
900	1200	875
1000	1270	925
1100	1320	1000
1200	1370	1025
1300	1420	1075
1400	1470	1100
1500	1570	1250
1600	1670	1300
1700	1770	1400
1800	1870	1400
1900	1970	1500
2000	2070	1500

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

**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.*