

Technical Data Sheet

Curved float glass

Scope of application:	Insulating glass, laminated glass, furniture glass, counter panes
Dimensions:	Arc length 3210 mm x height 8000 mm or Arc length 8000 mm x height 3210 mm Depth of bend max. 1200 mm Bend angle max. 180°
Geometrics:	Cylindrical, cylindrical with tangential straight ends, conical, spherical, aspherical, parabolic
Glass thicknesses:	3 – 19 mm

Curved laminated safety glass

Scope of application:	Balustrades, insulating glass, roof glazing
Dimensions:	Arc length 3210 x 6000 mm or Arc length 6000 x 3210 mm
<i>(Please respect max. dimensions when used in combination with tempered and Float)</i>	
Geometrics:	Depends of the used product
Films:	Laminated float, 0.76 mm minimum Laminated tempered/heat strengthened, 1.52 mm minimum PVB-film, SGP-film, EVA-film, colour film, printed film, When using a laminated glass or curved float glass with tight radii, it is absolutely necessary to use film of 1.52 mm minimum

Curved tempered safety glass or curved heat strengthened glass / laminated safety glass

Scope of application: Insulating glass, interior construction, laminated glass etc..

Arc length: max. 4360 mm
 Height: max. 2800 mm
 Bend radius: min. 2000 mm
 Bend angle: max. 90°

Arc length: max. 2800 mm
 Height: max. 5500 mm
 Bend radius: min. 1300 mm
 Bend angle: max. 90°

Arc length: max. 2000 mm
 Height: max. 4200 mm
 Bend radius: min. 950 mm
 Bend angle: max. 100°

Arc length: min. 320 mm,
 Height: min. 150 mm,
 Bend radius: min. 450 mm
 Bend angle: max. 100°

Geometrics: cylindrical

Glass thicknesses: 4 - 15 mm

Minimum radii:	ESG/TVG 4 mm	450 mm
	ESG/TVG 5 mm	450 mm
	ESG/TVG 6 mm	500 mm
	ESG/TVG 8 mm	650 mm
	ESG/TVG 10 mm	950 mm
	ESG 12 mm	1100 mm
	ESG 15 mm	1500 mm

Curved insulating glass

Geometrics:	Depends of the used product
Coatings on float glass:	Radii below 300 mm solar control or thermal insulation coating are not possible (may use hard coating)
	Radii from 600 mm all common coatings of upon consultation, depending on angle, etc.
	Radii from 900 mm all common coatings
Coatings on tempered glass:	Radii below 600 mm solar control or thermal insulation coating are not possible (may use hard coating)
	Radii from 600 mm all common coatings of upon consultation, depending on angle, etc.
	Radii from 1000 mm all common coatings

Certification of curved glasses

Curved float, Curved VSG/Float:	Allgemeine bauaufsichtliche Zulassung, AbZ (Zulassungsnr. Z-70.4-190) General Type Approval (Approval no. Z-70.4-190)
Curved tempered, Curved lam./temp:	Allgemeine bauaufsichtliche Zulassung:, AbZ (Zulassungsnr. Z-70.4-227) General Type Approval (Approval no. Z-70.4-227)

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