

**Bilcare Staufen GmbH – Specialty Films Solutions -
Tolerances and Standard Rules**

No	Description	Norm
01	Thickness tolerances % (+/-)	< 200 µm = +/- 10%, 200 - 400 µm = +/- 7%, >400 µm = +/- 5% The thickness is measured including the peaks in case the film is matt or embossed Values apply to 95% of all measurements
02	Tolerance of master sheets (If sold as master sheets)	Width - 0.5 mm / + 2.0 mm Length - 0.0. mm / + 4.0 mm
03	Tolerance slit reels	Width : +/- 0.5 mm * Length : +/- 10 % in m * Diameter: +/- 10 % in mm * Weight: +/- 10 % in kg * *or the corresponding non-metric unit
04	Reel labels	Reels are marked with a reel label on the outer diameter . An inside core label is available upon request
05	Tolerance of slit sheets*	Length : +/- 0.5 mm Width : +/- 0.5 mm Squareness: Specialties Products : +/- 1.2 mm/m
06	Packing of sheets	Bulk (no parcel packing) Parcel packing upon request Tags upon request
07	Palletizing	Disposable wooden pallets Euro-Pallets or plastic pallets upon request Pallets are bigger than their load Reels are loaded with cores horizontal if: • size is >= 1000 mm or • size > 780 mm and outer diameter < 201 mm Reels are loaded with cores vertical if • size < 1000 mm
08	Double stacking of pallets	Reels : are not suitable for double stacking, if not explicit mentioned Sheets : should not be considered as suitable for double stacking, if not explicit mentioned
09	Quantity tolerance	Order – Item – Quantity • 500 - 4999 kg : max over/undermakes 10 % • > 5000 kg : max over/undermakes 500 kg

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Tolerance of master and slit sheets at Weissandt-Gölzau

transparent, white (Standard-colors ex Staufen)		
surfaces: 2020 gls/gls, 2021 gls/gls-grob1, 3041 smt/cmt-grob1, 3043 smt/cmt-fine		
thickness: 200-450µm		
	master sheets	slit sheets
max. width	1650mm	1600mm
max. length	2700mm	2300mm
tolerance	width: -0/+2mm	width: -0/+2mm
	length:-0,+10mm	length:-0,+4mm
angle tolerance	4mm/m	2mm/m

Remark:: stacking of master sheets less precise than slit sheets