

**Technical Datasheet**  
**Specialty Fabrics**  
**Woven glass fabrics for Composites**

Market	Applications	Materials		Tensile Strength		Weight g/m <sup>2</sup>	Thickness mm	Elongation at break	
		Raw Materials	dtex	Warp N/mm	Weft N/mm			Warp %	Weft %
Mobility	Car interior - car body, dashboards, seat frames	Glass rov.+ PES, Glass silk, Glass roving, sizing	1360 - 96000	13 - 240	24 - 240	195 - 1275	0,3 - 2,5	1,5 - 5,0	1,5 - 3,2
	Cabin doors & overhead bins in planes	Glass rov.+ PES, Glass silk, Glass roving, sizing	1360 - 96000	13 - 240	24 - 240	195 - 1275	0,3 - 2,5	1,5 - 5,0	1,5 - 3,2
	Boats	Glass rov.+ PES, Glass silk, Glass roving, sizing	1360 - 96000	13 - 240	24 - 240	195 - 1275	0,3 - 2,5	1,5 - 5,0	1,5 - 3,2
Industry	Grinding applications	Glass rov.+ PES, Glass silk	6800 - 24000	58 - 110	58 - 110	270 - 640	1,0 - 1,5	4,0 - 4,5	4,0 - 4,5
	Injection molding	Glass rov.+ PES, Glass silk, Glass roving, sizing	1360 - 96000	13 - 240	24 - 240	195 - 1275	0,3 - 2,5	1,5 - 5,0	1,5 - 3,2
Construction	Wind mills	Glass rov.+ PES, Glass silk, Glass roving, sizing	1360 - 96000	13 - 240	24 - 240	195 - 1275	0,3 - 2,5	1,5 - 5,0	1,5 - 3,2
Sports & Leisure	Snowboards, skis, skateboards, surfboards	Glass rov.+ PES, Glass silk, Glass roving, sizing	1360 - 96000	13 - 240	24 - 240	195 - 1275	0,3 - 2,5	1,5 - 5,0	1,5 - 3,2
<b>TECHNICAL FEASIBILITIES</b>		<b>Finishing</b> <b>Wet finishes</b> = flame- / heat-retardant, antistatic, UV-stable, ammonia resistant, hydrophobic  <b>Coatings</b> PVC, SBR, PVA, PVAC, EVA, Blends		<b>Weaves</b> plain, faille, leno, 1/2 leno, panama, single / double weft, special scrim  <b>Widths</b> up to 1,9 m greige (two warps, open construction) up to 3,6 m coated (two warps, open construction) up to 5 m greige (one warp, tight fabrics)		<b>Cutting</b> mechanical with scissors  <b>Edges</b> feather, with heat-activated thread			