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Sommario/riassunto	Tensile surface structures are the visual expression of an intensive rethinking of the topic of building envelopes by designers. Advances in design methods, materials, construction elements and assembly and erection planning in the field of lightweight construction are enabling ever more exacting applications of tensile structures with envelope and structural functions, especially in roofing over large clear spans without internal support. However, the particular mechanical characteristics of the materials used in the construction of textile structures demand consideration of the question o