

Technical Specification FlexxSys® TwinFlexx

Product details	Two Stainless steel pipes parallel corrugated are each insulated with a high flexible, temperature and UV-resistance HT/Insulation tube. The tubes are coated with a black plane foil and are glued together with a splittable technique. Line system for the connection of the Solar collectors and heat storage tank or for other applications.
Application range	Max. Mediumtemperature: + 150°C (+175°C) Min. Mediumtemperature: -50°C
Technical description	Insulation existing out of EPDM with plane foil coating, available in 14 mm and 20 mm insulation layer thickness, integrated sensor lead SiZ 2x0,5 mm ² , UV-resistance
Thermal conductivity λ	at a middle temperature from 0°C λ = 0,038 W/(mK) at a middle temperature from 40°C λ = 0,042 W/(mK)
Water vapor diffusion-resistancenumber μ	≥ 4000 (DIN EN 13469)
Fire-Behavior - Material category	normal inflammable (DIN 4102-B2)
Practical fire behavior	self-extinguishing, does not lead fire
Material Corrugated Stainless Steel Pipe	Stainless austenitic Steelalloying according EN 10088-2: X2CrNiMo17122 according DIN 17441: 1.4404 (AISI 316L) Temperature: -270°C till max. 600°C

