Technical Data Sheet Version 1 - Revision 02/26

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Fabric / Gewebe / Tissu / Weefsel	*DIN ISO 2060 : 1994*	**100 % PES / 1100 dtex**
Total weight / Totalgewicht / Poids total / Gewicht totaal	*ISO 2286/2 : 2016*	**900 g/m²**
Coating		**PVC**
Characteristics Eigenschaften Caractéristiques Eigenschappen		**ABUV**
Lacquering / Lackierung / Vernis		**1/1**
Comment / Kommentar / Remarque / Opmerking		**SIOFLUO**
Embossing / Prägung / Calandre / Kalander		**Glossy**
Breaking strength Warp Höchstzugkraft Kette Résistance rupture Chaîne Treksterkte Ketting	*ISO 1421/1 : 2016*	**4000 N/5cm**
Breaking strength Weft Höchstzugkraft Schuss Résistance rupture Trame Treksterkte Inslag	*ISO 1421/1 : 2016*	**4000 N/5cm**
Tear strength Warp Weiterreisskraft Kette Résistance à la déchirure Chaîne Scheurweerstand Ketting	*DIN 53363 : 2003*	**600 N**
Tear strength Weft Weiterreisskraft Schuss Résistance à la déchirure Trame Scheurweerstand Inslag	*DIN 53363 : 2003*	**500 N**
Adhesion / Haftung / Adhérence / Hechting	*ISO 2411 : 2017*	**100 N/5cm**
Gas permeability Gaspermeabilität Perméabilité au gaz Gaspermeabiliteit	*ISO 15105/1 : 2007 - DIN 53380/2 : 2006*	**< 400 cm³/m².bar.d**
Flex resistance Knickverhalten Résistance à la pliure Plooiweerstand	*ISO 7854/B : 1995*	**No cracks 100 000 flex cycles**
Temperature resistance Temperatursbeständigkeit Tenue à la température Temperatuursbestendigheid	*EN 1876/1 : 1998*	**-40/+70 °C**

"Biogas fabrics are intended to be installed only by registered and experienced manufacturers of biogas installations, who are aware of the specifications and the limitations of the materials used. Direct contact of inner lung material with the reactive fermentation mixtures should be avoided. For further technical information on the membranes and its compatibility, we refer to the technical staff of Sioen Industries."

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Light fastness (Except white and (half-)transparent) Lichtechtheit (Ausnahme weiss und (semi-)transparant) Tenue à la lumière (Excepté en blanc et (semi-)transparent) Lichtechtheid (Uitgezonderd wit en (half-)transparent)	*ISO 105 B02 : 2014*	**7-8**
Fire behaviour_FR / Brennverhalten_FR / Reaction au feu_FR / Brandgedrag_FR	*NF P 92-507:2004*	**M2**
Fire behaviour_DE / Brennverhalten_DE / Réaction au feu_DE / Brandgedrag_DE	*DIN 4102-1 : 1998*	**B1**
Reaction to fire_EU / Brennverhalten_EU / Reaction au feu_EU / Reactie bij brand_EU	*EN 13501-1 : 2018*	**B-s2,d0**
Application -> Agriculture/Biogas installations/hydrolysis resistant		

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