

biogas - TRAS 120

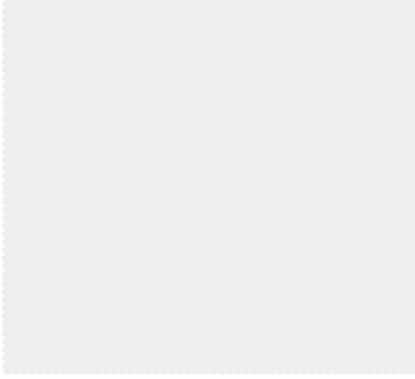


TRAS 120

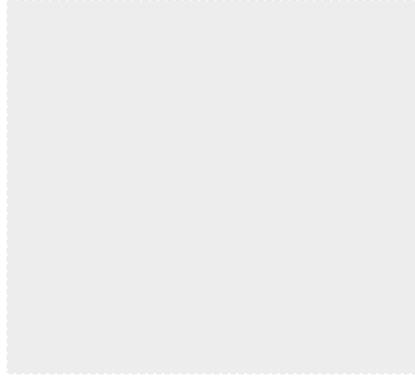
- TRAS 120 compliant
- Performance and reliability
- All purpose applications
- Flexible biogas installations

B6112 // B6149 // B6665 //
B6765 // B6718

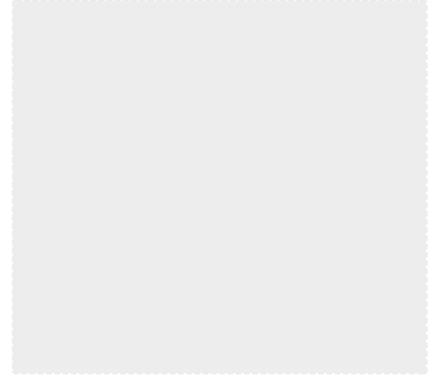
B6112



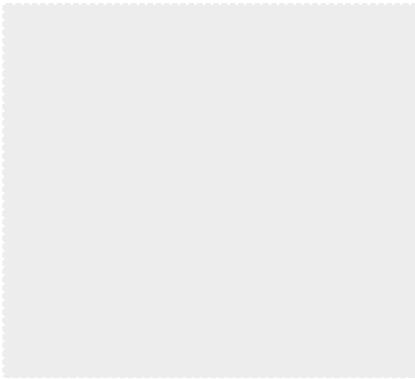
B6149



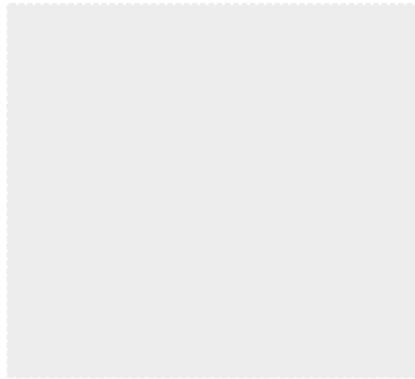
B6665



B6765



B6718



9909

250, 300 cm

On request



7002 - RAL 7035

300 cm

On request



9909

250, 300 cm

On request



7002 - RAL 7035

300 cm

On request



9909

250, 300 cm

On request



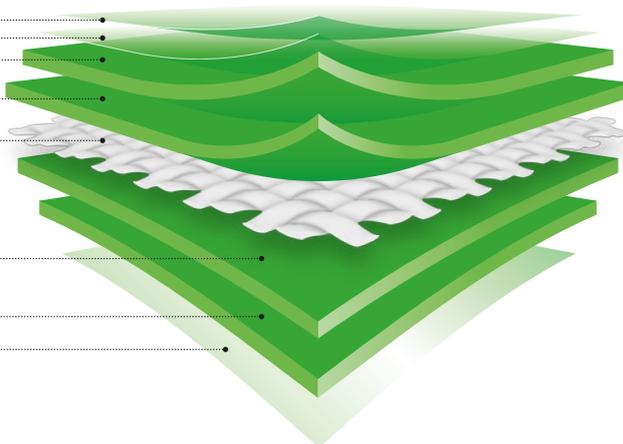
7002 - RAL 7035

300 cm

On request

Layered membrane

- Electrodisipative surface finish
- High protective lacquer
- 2 layers of antimicrobial, flame retardant and UV-protected coating
- High tenacity polyester fabric
- 2 layers of antimicrobial, flame retardant and UV-protected coating
- Electrodisipative surface finish



ADVANTAGES

Vorteile // Avantages // Ventajas // Voordelen



Gas permeability
 Gaspermeabilität
 Permeabilité au gaz
 Permeabilidad al gas
 Gaspermeabiliteit



Flame retardant
 Flammhemmend
 Ignífuge
 Ignífugo
 Vlamvertragend



Inner and outer membrane applications (UV and temperature stability)
 Innere und äußere Membranwendungen (UV- und Temperaturbeständigkeit)
 Applications de membranes intérieures et extérieures (stabilité aux UV et à la température)
 Aplicaciones de membrana interior y exterior (estabilidad a los rayos UV y a la temperatura)
 Binnen- en buitenmembraantoepassingen (UV- en temperatuurstabiliteit)



Microbial resistance
 Mikrobielle Resistenz
 Résistance microbienne
 Resistencia a los microbios
 Microbiële resistentie



Assembly by direct HF welding
 Montage durch direktes HF-Schweißen
 Assemblage par soudage direct haute fréquence
 Montaje por soldadura directa de alta frecuencia
 Montaje por soldadura directa de alta frecuencia

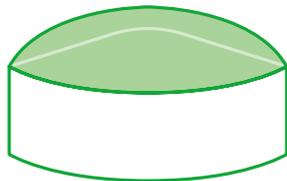


TRAS 120 certified
 TRAS 120 zertifiziert
 TRAS 120 certifié
 Certificado TRAS 120
 Gecertificeerd TRAS 120

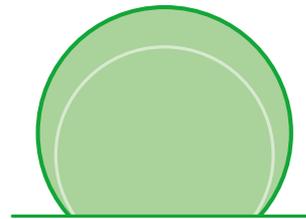


Warranty
 Gewährleistung
 Garantie
 Garantía
 Garantie

APPLICATIONS



Anaerobic Digesters
Inner | Outer



Gas holders
Inner | Outer

	TYPE 2 B6112	TYPE 2 B6149	TYPE 3 B6665	TYPE 4 B6765	TYPE 5 B6718
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Manure cover

Anaerobic digester Inner Outer	X	X	X	X	X
Gas holder Inner Outer	X	X	X	X	X

- Non-TRAS 120 membranes for biogas applications see Master series brochure
- MANURE and FLEXITANKS additional options see dedicated brochure
- SPECIAL chemical environment, see expert biogas brochure

Technical specifications

Technische Daten // Données techniques // Datos técnicos // Technische specificaties

	TYPE 2 B6112	TYPE 2 B6149	TYPE 3 B6665	TYPE 4 B6765	TYPE 5 B6718	NORM
Total Weight Gesamtgewicht - Poids total - Peso total - Totaal gewicht	900 g/m ²	920 g/m ²	1150 g/m ²	1350 g/m ²	1650 g/m ²	DIN ISO 2286/2:1998
Breaking Strength (Warp / Weft) Höchstzugkraft - Résistance rupture - Resistencia urdimbre - Treksterkte	4000 N/5cm 4000 N/5cm	4000 N/5cm 4000 N/5cm	6000 N/5cm 5500 N/5cm	8000 N/5cm 7000 N/5cm	10000 N/5cm 8500 N/5cm	EN ISO 1421/1:1998
Tear Strength (Warp / Weft) Weiterreisskraft - Résistance à la déchirure - Resistencia urdimbre - Scheurweerstand	580 N 500 N	580 N 500 N	900 N 800 N	1200 N 1200 N	1500 N 1500 N	DIN 53363:2003
TRAS 120	Conform	Conform	Conform	Conform	Conform	
Gas permeability Gaspermeabilität - Perméabilité au gaz - Permeabilidad al gas - Gaspermeabiliteit	< 180 cm ² /m ² .bar.d	< 400 cm ² /m ² .bar.d				
UV resistance UV-Beständigkeit - Résistance aux UV - Resistencia a los rayos UV - Uv-bestendigheid	Excellent	Excellent	Excellent	Excellent	Excellent	
Microbial resistance Mikrobielle Resistenz - Résistance microbienne - Resistencia a los microbios - Microbiële resistentie	Contains Antimicrobial	Contains Antimicrobial	Contains Antimicrobial	Contains Antimicrobial	Contains Antimicrobial	
Surface finish Oberflächenauflührung - finition de surface - Acabado de la superficie - oppervlaktaefwerking	Electrodissipative Glossy	Electrodissipative Glossy	Electrodissipative Glossy	Electrodissipative Glossy	Electrodissipative Glossy	
Temperature resistance Temperaturbeständigkeit - Tenue à la température - Resistencia térmica - Temperatuurbestendigheid	-40/+70°C	-40/+70°C	-30/+70°C	-30/+70°C	-30/+70°C	EN 1876/1:1998
Thermal transmittance Wärmedurchgängigkeit - Transmissioen thermique - Transmitancia térmica - Warmtedoorgang	5,5 W/(m ² .K) 4,6 W/(m ² .K)	1. Vertical airflow 2. Horizontal airflow DIN EN ISO 6946*				
Fire rating Branklasse - Classement au feu - Clasificación al fuego - Brandclassificatie	M2 (NF P 92 507 2004) B1 (DIN 4102 1998)	M2 (NF P 92 507 2004) B1 (DIN 4102 1998)	M2 (NF P 92 507 2004) B1 (DIN 4102 1998)	B1 (DIN 4102 1998)	PASS (NFPA 701)	
Euroclass Euroklasse - Euroclasse - Euroclase - Euroklasse	B-s2,d0	B-s2,d0	C-s2,d0	C-s2,d0	C-s3,d0	
Warranty Gewährleistung - Garantie - Garantía - Garantie	10	10	10	10	10	



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