

TECHNICAL DATA SHEET

FLOATING ANTI-POLLUTION BARRIERS





Technical specifications	Standard regulations	Unit	Values
Backing fabric	DIN ISO2076	High-tenacity polyester	
Thread count	DIN EN ISO2060	Dtex	1100
Warp - weft threads	DIN EN 1049-2	N°/cm	9x9
Backing fabric weight	DIN EN ISO 2286-2	g/m ³	200
PVC coating weight	DIN EN ISO 2286-2	g/m ²	500
Total weight	DIN EN ISO 2286-2	g/m ²	700
Final thickness	DIN EN ISO 2286-3	mm	0,55
Tensile strength - Warp	DIN 53 364	N/5cm	3100
Tensile strength - Weft	DIN 53 364	N/5cm	3000
Tear resistance - Warp	DIN 53 363	N	330
Tear resistance - Weft	DIN 53 363	N	310
Cold resistance	DIN EN 1876-1	°C	-30
Heat resistance	DIN EN 1876-1	°C	70
Flame resistance	**	---	no
Solvent resistance	UNI4818-16	Resistant	
Light fastness	ISO 105 B02	Valore	6
Flexural resistance	DIN 53359-A	N°	100,000
Waterproofness	EN-ISO811	Waterproof	
Weld adhesion	ISO 2411	N/2cm	40



Snake anti-pollution barriers

Material		
Internal coating	100% Polyurethane (extrusion process) Resistant to hydrolysis, low temperatures, and hydrocarbons	Weight side A > 370 g/m ² side B > 370 g/m ²
Adhesive	100% Polyester (spreading process) Resistant to hydrolysis, low temperatures, and hydrocarbons	Weight side A > 33 g/m ² side B > 33 g/m ²
Fabric	100% Polyester Width 200 + 2 cm	Elongation Warp: 100% Polyester 1100 fine dtex 8.5/cm + 2 Weft: 100% Polyester 1100 selected dtex 8.5/cm + 2
Total weight		1.064 +7% g/m ²
Technical data	Values	Values
Breaking strength ISO 1421 CRT 4.3.2e	Weft > 2000 N/5 cm	Elongation > 1500 N/5 cm
Elongation at break ISO 1421 CRT 4.3.2g	Weft 20%	Elongation 24%
Tongue tear ISO 4674 Method A1	Weft > 45 N	Elongation > 39N
Trapezoid tongue tear FED STD 191A Method 5136	Weft > 85 N	Elongation > 65N
Coating adhesion (RF welding) film- to-film ISO 2411	>500 N/5cm	