



Technical data Datex™ GM

Non Woven for protection of pipe lines

Product	Datex™ GM 730	Datex™ GM 900	
Certification			
Certification number	FTR N° 206	FTR N° 207	
Technical Qualification	QT-REV-2006/015	QT-REV-2006/015	
Category of use	Class 1	Class 0	

Characteristic properties

Polymers and construction Nonwoven made of needle punched continuous 100% polypropylene fibres

Mechanical properties

					Norm	
weight	g/m ²	730	900	nom	DIN EN 9864	
Thickness at	2 kPa mm	6.2	6.8	nom	EN ISO 9863-1	
Elongation at break	MD %	115	115	nom	EN ISO 10319	
	CMD %	60	55	nom		
Tensile Strength	MD kN/m	25	30	nom	EN ISO 10319	
	CMD kN/m	70	90	nom		
Static puncture Resistance	kN	6.0	7.0	nom	EN ISO 12236	
Dynamic puncture test	mm	2.0	1.5	nom	EN ISO 13433	
Puncture resistance	NFG kN	3.8	4.4	nom	NF G 38-019	

Hydraulic properties

Water penetration mm 13 23 EN ISO 13562

Durability (degradation)

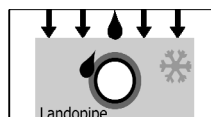
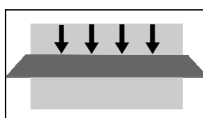
Resistance	%	95	95	min	SN 670 240
Resistance to sulphuric	%	95	95	min	EN 14030
Resistance to lime milk	%	75	75	min	
Biological stability	%	95	95	min	EN 12225

Standard dimensions

Colour marking		yellow	black	
Length	m	70	60	
Width	m	0.40 to 5.00		
Weight of the roll	kg	21 to 256	22 to 270	

Hunction / Application

Intended use



min = minimum value | max = maximum value (according to SN 670 240) | nom = nominal value

The values given are average obtained according to internal and external testing. We reserve the right to make changes at any in accordance with our knowledge, technology and experiences without any notice.