

Product Data Sheet: Foam + PU

The **SanoSkin®** foam is developed for medical applications like wound dressings, bandages, applicators, carrier pads, antidecubitus prophylaxe... They do not contain any toxic component. They are extreme hydrophilic and absorb and retain fluids easily. They have an ultimate soft touch. The foam has a PU backing. Sizes are: 10 x 10, 15 x 15, 15 x 20, 20 x 20, 20 x 50 cm



Foam	Norm		MCF.03	MCF.05
Density (+/- 10%)	ISO 1923 Mod1	kg/m ³	84	102
	ISO 845 Mod1			
Cell structure (Visiocell)	RectSS/T013-4	μ	170-220	250-350
Air permeability	ISO 9237 Mod4	l/min/dm ²	55	60
Wet Out dry	RectSS/T018-5	s	3	10
Fluid capacity	EN13726-1	g water/g product	20	16
Fluid capacity after draining	RectSS/T018-5	g water/g product	19	15
Fluid capacity after compression	(50 mmHg)	g water/g product	12	9
Lineair swell in length direction	RectSS/T018-5	%	20	25
Lineair swell in height direction		%	18	20
MVTR Foam	EN 13726-2	g/m ² /day	3411	3725
MVTR Foam + PU film	EN 13726-2	g/m ² /day	1890	1910
ER/RR-dry	ISO 1798 Mod1			
% elongation		%	220	400
Strength at break		kPa	102	213
ER/RR-wet				
% elongation		%	103	167
Strength at break		kPa	70	61
Tear resistance	ASTM/3574/F Mod3	N/cm	2,8	5
Elasticity (first ball rebound)	ASTM/3574/H Mod1	%	26	
Compression set (50%)	ISO 1856/A Mod1	% height loss	42,5	27,8
CDH (40%)	ISO 3386/1	kPa	4,9	4,2
CDH (60%)		kPa	9,5	8
CLD (50%)	ASTM/3574/C Mod1	kPa		

These data listed above and on all data sheets are average or typical values based on tests conducted by the manufacturer or by independent laboratories. Materials must be tested under actual service to determine their suitability for a particular purpose.