STERIS

TECHNICAL DATA SHEET
STERILIZATION ROLL (GUSSETTED)

	PROPERTIES	UNITS	STANDARD OR TEST METHOD	TYPIC
PAPER	SUBSTANCE	g/m2	ISO 536	60.0
	BENDTSEN POROSITY	ml/mn	ISO 5636-3	1000
	AIR PERMEANCE	µm/(Pa.s)	ISO 5636-3	11.4
	BENDTSEN ROUGHNESS FS	ml/mn	ISO 8791-2	375
	BENDTSEN ROUGHNESS WS	ml/mn	ISO 8791-2	375
	TENSILE STRENGTH /MD	kN/m	EN ISO 1924-2	6.4
	TENSILE STRENGTH /CD	kN/m	EN ISO 1924-2	3.4
	WET TENSILE STRENGTH /MD	kN/m	ISO 3781	2.1
	WET TENSILE STRENGTH /CD	kN/m	ISO 3781	1.1
	BURST STRENGTH	kPa	ISO 2758	350
	TEARING STRENGTH /MD	mN	EN 21974	600
	TEARING STRENGTH /CD	mN	EN 21974	650
	WET BURST	kPa	ISO 3689	150
	WATER REPELLENCY	s	EN 868-3 (app.A)	35
	PORE SIZE	µm	EN 868-3 (app.B)	21
	COBB TEST (60 s)	g/m2	EN 20535	15
	FLUORESCENCE	%	DIN 58953-6	0
	FREE FROM LEAD AND HEAVY METALS AND TOXIC MATERIALS			

	PROPERTIES	UNIT		STANDARD OR TEST METHOD	BEFORE STEAM EXPOSURE	AFTER STEAM EXPOSURE
FILM	THICKNESS	Micron		ASTM D 374	51.2	51.4
	COF		F/M	ASTM F 1894	0.18	0.16
			B/M		0.19	0.21
	THERMAL SEAL	C°		ASTM F 88	155	155
	ELONGATION AT BREAK	%	MD	ASTM D 882	112	110
			TD		135	135
	TENSILE STRENGTH AT BREAK	kgf/mm2	MD	ASTM D 882	5,2-5,8	5,6-6,3
			TD		5,4-5,8	6,3-6,4
	TEAR	G	MD	D1922	40	40
			TD		48	47
	GLOSS	%		ASTMD 2457	135	125
	HAZE	%		ASTM D1003	5.1	7.3
	FREE FROM LEAD AND HEAVY METALS AND TOXIC MATERIALS					

	PROPERTY	UNIT	VALUE		METHOD
FINAL PRODUCT	Seal strength	cm	< 25	> 25	ASTM F 88
			2,5<	3,0<	
	Visual Control	mm	1%		ASTM F1886-98
	Bubble Test	pcs	0		ASTM F2096-04
	Pinhole Determination	pcs	0		EN 868-5 Annex B
	Dimension Control	pcs	0		ASTM F2203-02
	Leakage Test	pcs	0		ASTM F1929-98
	Peel Direction	pcs	0		EN 868-5 Annex E
	Indicator Control	pcs	0		ISO 11140-1

	STERILIZATION METHOD	COLOR BEFORE EXPOSURE	COLOR AFTER EXPOSURE
INDICATOR	STEAM	PINK	BROWN
	EO	GREEN	YELLOW/ORANGE
	FO	RED	GREEN