

# Medical Nonwoven Tapes Selection Guide — Rayon

		Rayon Nonwoven Tapes					
Properties <sup>1</sup>		1529	1530	1530L	1533	1533L	1785
1. Sterilization <sup>2</sup>	(G=Gamma; E=Ethylene Oxide)	G*, E	G*, E	G*, E	G*, E	G*, E	G*, E
2. Hypoallergenic		Yes	Yes	Yes	Yes	Yes	Yes
3. Repeat Skin Contact		Yes	Yes	Yes	Yes	Yes	Yes
4. Conformable	(L=Low; M=Medium; H=High)	M	M	M	M	M	M
5. Fluid Resistance		No	No	No	No	No	No
6. Color		White	White	White	Tan	Tan	White
7. Printable Backing		Yes	Yes**	Yes**	Yes**	Yes**	Yes
8. Printable Liner		Yes	N/A	Yes	N/A	Yes	Yes
9. Heat Sealable		No	No	No	No	No	Yes
10. Tear by Hand		Yes	Yes	Yes	Yes	Yes	Yes
11. MVTR	gm/m <sup>2</sup> /24 hr	4200	4200	4200	4200	4200	1200
12. Maximum Porosity	sec/100cc/in <sup>2</sup>	50	150	50	150	150	50
13. Minimum Tensile, MD/CD	lbs/inch	5/2	5/2	5/2	5/2	5/2	5/2
	Newtons/25mm	22.2/8.9	22.2/8.9	22.2/8.9	22.2/8.9	22.2/8.9	22.2/8.9
14. Elongation	percentage	21	21	21	21	21	25
15. Typical Adhesion to Glass	oz/inch	17	14	17	14	14	24
	Newtons/25mm	4.7	3.9	4.7	3.9	3.9	6.7
16. Tape Caliper without Liner	mil	5.5	5.5	5.5	5.5	5.5	5.5
	millimeters	0.14	0.14	0.14	0.14	0.14	0.14
17. Liner Caliper	mil	6	N/A	4.6	N/A	4.6	6
	millimeters	0.15	N/A	0.12	N/A	0.12	0.15
18. Liner Weight	lbs/ream	83	N/A	63	N/A	63	83
19. Typical Liner Release	gm/inch	50	N/A	55	N/A	55	65
	Newtons/25mm	0.49	N/A	0.54	N/A	0.54	0.64
20. Maximum Width	inches	48	48	48	48	48	48
	centimeters	122	122	122	122	122	122
21. Maximum Length	yards	500	850	650	850	450	450
	meters	457	777	594	777	411	411
22. Approx. Roll Diameter	inches	17	15	17	15	17	17
	centimeters	43	38	43	38	43	43
23. Shelf Life	years	2	3	3	3	3	2

<sup>1</sup> Properties listed are based on limited testing and for comparative purposes only. It is the customer's responsibility to determine the final suitability of our products for use in their application.  
<sup>2</sup> Recommended suitability based on the processability of product through typical sterilization conditions.

\*Reduced adhesion levels and increased liner release may occur after gamma irradiation. It is the customer's responsibility to determine the final suitability of our products for use in their application.

\*\*Printing may require special types of ink and/or equipment.

Table Revised July 2011