

Medical Nonwoven Tapes Selection Guide — Rayon

		Rayon Nonwoven Tapes					
Properties ¹		1529 [†]	1530 [†]	1530L	1533 [†]	1533L	1785
1. Sterilization ²	(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 ² /24 hr	4200	4200	4200	4200	4200	1200
12. Maximum Porosity	sec/100cc/in ²	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/ Stainless Steel	oz/inch	17	Glass 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	450	850	450	850	450	450
	meters	411	777	411	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	2	2	2	2	2

¹ 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.
² 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.

† Restricted for use as a component in certain product applications.

Medical Nonwoven & Woven Tapes

Selection Guide — Polyester/Polyester Blends

Properties ¹	Polyester				PET Blend	
	1776 [†]	9916	9926T	9926W	9917 ^{**}	
1. Sterilization ² (G=Gamma; E=Ethylene Oxide)	G*, E	G*, E	G*, E	G*, E	G*, E	
2. Hypoallergenic	Yes	Yes	Yes	Yes	Yes	
3. Repeat Skin Contact	Yes	Yes	Yes	Yes	Yes	
4. Conformable (L=Low; M=Medium; H=High)	H	H	H	H	H	
5. Fluid Resistance	No	No	No	No	No	
6. Color	White	Tan	Tan	White	White	
7. Printable Backing	Yes	Yes	Yes	Yes	N/A	
8. Printable Liner	Yes	Yes	Yes	Yes	No	
9. Heat Sealable	No	No	No	No	No	
10. Tear by Hand	No	No	No	No	No	
11. MVTR	gm/m ² /24 hr	1300	1100	TBD	TBD	600
12. Typical Porosity	sec/100cc/in ²	6.5	7.2	219	47.5	36
13. Typical Tensile, MD/CD	lbs/inch	11/5	30/15	24/37	24/37	14.6/3.3
	Newtons/25mm	49.8/22.2	133.5/67	106/165	106/165	65/15
14. Typical Adhesion/ Stainless Steel	oz/inch	25	30	11	11	29.4/6.7
	Newtons/25mm	6.9	8.3	3.9	3.9	8.2/1.9
15. Tape Caliper without Liner	mil	11.5	15	8.5	8.5	12
	millimeters	0.3	0.4	0.22	0.22	0.3
16. Liner Caliper	mil	6	4.6	6	6	3.5
	millimeters	0.15	0.12	0.15	0.15	0.09
17. Liner Weight	lbs/ream	83	63	83	83	62
18. Typical Liner Release	gm/inch	55 Max	42	12	12	35
	Newtons/25mm	0.54	0.41	0.12	0.12	0.34
19. Maximum Width	inches	48	46	43	43	48
	centimeters	122	117	109	109	122
20. Maximum Length	yards	300	200	200	200	275
	meters	274	183	183	183	251
21. Approx. Roll Diameter	inches	16	13.5	17	16	15.5
	centimeters	41	34	43	41	39
22. Shelf Life	years	2	2	2	2	2

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**Double coated tape.

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Medical Nonwoven and Fabric Tapes Selection Guide — Polyurethane Nonwovens and Fabric Tape

Properties ¹	Polyurethane Nonwovens				Rayon Acetate Woven Fabric		
	9904	9907T [†]	9907W [†]	9907HTW [†]	1538	1538L	
1. Sterilization ² (G=Gamma; E=Ethylene Oxide)	E	E	E	E	G*, E	G*, E	
2. Hypoallergenic	Yes	Yes	Yes	Yes	Yes	Yes	
3. Repeat Skin Contact	No	Yes	Yes	No	Yes	Yes	
4. Conformable (L=Low; M=Medium; H=High)	H	H	H	H	L	L	
5. Fluid Resistance	No	No	No	No	No	No	
6. Color	Tan	Tan	White	White	White	White	
7. Printable Backing	Yes	Yes	Yes	Yes	No	No	
8. Printable Liner	No	Yes	Yes	No	No	No	
9. Heat Sealable	No	Yes	Yes	Yes	No	No	
10. Tear by hand	No	No	No	No	Yes	Yes	
11. MVTR gm/m ² /24 hr	500	8000	8000	500	400	400	
12. Typical Porosity sec/100cc/in ²	170	0.7	0.7	170	140	140	
13. Typical Tensile, MD/CD	lbs/inch	3.0	2.8/1.6	2.8/1.6	2.8/1.6	30.1/17	30.1/17
	Newtons/25mm	13.4	12.5/7.1	12.5/7.1	12.5/7.1	134/75.6	134/75.6
14. Elongation percentage	400	300	300	300	None	None	
15. Typical Adhesion/ Stainless Steel	oz/inch	44	35	35	44	33	33
	Newtons/25mm	12.2	9.7	9.7	12.2	9.2	9.2
16. Tape Caliper without Liner	mil	11	10	10	11	8	8
	millimeters	0.28	0.25	0.25	0.28	0.20	0.20
17. Liner Caliper	mil	4.5	4.5	4.5	4.5	N/A	6
	millimeters	0.11	0.11	0.11	0.11	N/A	0.15
18. Liner Weight lbs/ream	60	54	54	60	N/A	83	
19. Maximum Liner Release	gm/inch	200	200	200	200	N/A	50
	Newtons/25mm	1.96	1.96	1.96	1.96	N/A	0.49
20. Maximum Width	inches	50	50	50	50	48	48
	centimeters	127	127	127	127	122	122
21. Maximum Length	yards	250	410	410	410	500	350
	meters	228	375	375	375	457	320
22. Approx. Roll Diameter	inches	12	16	16	16	14	15
	centimeters	30.5	41	41	41	36	38
23. Shelf Life years	TBD	2	2	TBD	2	2	

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