

# Medical Foam Tapes Selection Guide

Properties <sup>1</sup>	Polyethylene				PVC			
	1772	1773	1774	9776	9777L	9780	9781	9785
1. Cell Structure	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed
2. Sterilization <sup>2</sup> (G=Gamma; E=Ethylene Oxide)	G*, E	G*, E	G*, E	G*, E	G*, E	G*, E	G*, E	G*, E
3. Hypoallergenic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4. Repeat Skin Contact	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5. Conformable (L=Low; M=Medium; H=High)	L	M	H	M	M	H	H	H
6. Fluid Resistance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7. Color	White	White	Tan (1774T) White (1774W)	Tan	Ivory	Blue	Ivory	Tan
8. Printable Backing	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
9. Printable Liner	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10. Heat Sealable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11. Tear by Hand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12. MVTR gm/m <sup>2</sup> /24 hr	None	None	None	None	Very Low	Very Low	Very Low	Very Low
13. Porosity sec/100cc/in <sup>2</sup>	None	None	None	None	None	None	None	None
14. Minimum Tensile, MD	lbs/inch	4	4	3	3.5	3.8	3.8	3.8
	Newtons/25mm	17.8	17.8	13.3	15.6	16.9	16.9	16.9
15. Elongation, minimum	percentage	220	220	300	250	150	150	150
16. Typical Adhesion/ Stainless Steel, minimum	oz/inch	69 to Cello	36	24	36	8	8	8
	Newtons/25mm	19.2	10	6.7	10	2.2 (Min)	2.2 (Min)	2.2 (Min)
17. Foam Caliper	mil	62.5	31.3	20	31.3	32	20	20
	millimeters	1.6	0.8	0.5	0.8	0.8	0.5	0.5
18. Typical Tape Caliper without Liner	mil	65	34	22	34	34	22.5	22.5
	millimeters	1.7	0.9	0.6	0.9	0.9	0.6	0.6
19. Liner Caliper	mil	6	6	4.6	5.5	4.0	4.0	4.0
	millimeters	0.15	0.15	0.12	0.14	0.1	0.1	0.1
20. Liner Weight	lbs/ream	83	83	63	72	65	65	65
21. Maximum Liner Release	gm/inch	85	85	85	60	35	35	35
	Newtons/25mm	0.83	0.83	0.83	0.59	0.34	0.34	0.34
22. Maximum Width	inches	48	48	48	48	48	48	48
	centimeters	122	122	122	122	122	122	122
23. Maximum Length	yards	80	145	289	145	145	210	210
	meters	73	132	264	132	132	192	192
24. Approx. Roll Diameter	inches	16.5	16.6	16	16.2	17	16	16
	centimeters	42	42	41	41	43	41	41
25. Shelf Life	years	2	2	2	2	2	2	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.

<sup>3</sup> May require primer or other pre-treatment to improve ink adhesion for printing.

\*Reduced adhesion levels and increased liner release may occur after gamma irradiation

Table Revised November 2012