

New Products Selection Guide — Medical Tapes with 3M Silicone Adhesive

Properties ¹	Single-Coated Tapes				Double-Coated Tapes	
	2475	2475P	2476	2476P	2477	2477P
Developmental Number	MSX-6936A	MSX-6936B	MSX-6935A	MSX-6935B	MSX-6931A/B	MSX-6932B
1. Sterilization ²	EtO Only	EtO Only	EtO Only	EtO Only	EtO Only	EtO Only
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)	H	H	M	M	M	M
5. Fluid Resistance	Yes	Yes	Yes	Yes	Yes	Yes
6. Typical MVTR	gm/m ² /24 hr	600	600	800	800	400
7. Typical Tensile, MD	lbs/inch	2	2	16	16	5
	Newtons/25mm	8.9	8.9	70	70	22
8. Elongation	percentage	350	350	65	65	650
9. Typical Adhesion/(Faceside) Stainless Steel	oz/inch	3	3	3.35	4.5	3.6 / 17
	Newtons/25mm	0.8	0.8	0.9	1.25	0.8 / 4.7
10. Tape Caliper without Liner	mil	4.6	4.6	14.6	14.6	7.2
	millimeters	0.12	0.12	0.37	0.37	0.18
11. Adhesive Coating (each side)	mil	4.0	4.0	4.0	4.0	4.0 / 1.5 Si/Acr
	millimeters	0.10	0.10	0.10	0.10	0.10 / 0.04
12. Backing/Carrier Caliper	mil	0.6	0.6	10.6	10.6	1.5
	millimeters	0.02	0.02	0.27	0.27	0.04
13. Liner Caliper	mil	2.0	3.5	2.0	3.5	2.0 / 3.3
	millimeters	0.11	0.08	0.11	0.09	0.09 / 0.08
14. Liner Type	Polyester	Polypropylene	Polyester	Polypropylene	Polyester/ Paper	Polypropylene/ Paper
15. Typical Liner Release	gm/inch	42	10	42	10	Poly — 50 Paper — 7
16. Maximum Width	inches	24	24	12	12	23
	centimeters	61	61	30.5	30.5	58
17. Maximum Length	yards	200	200	100	100	200
	meters	183	183	91	91	183
18. Approx. Roll Diameter	inches	9	10.5	9.25	9.5	12
	centimeters	23	27	23.5	24	31
19. Shelf Life	years	2	2	2	2	TBD

¹ Properties listed are based on limited testing and subject to change.

² Recommended suitability based on the processability of product through typical EtO sterilization conditions.

Table Revised August 2013