Beekley Medical Mole Markers Prove 50% More Adhesion Strength than other Brand

Adhesion is an often cited reason for mammography technologists preferring one skin marker over another.

Skin markers are used to identify areas of interest such as palpable masses, areas of pain, post-surgical scars, nipples, and raised moles. It is imperative that the skin marker remain in place once applied to the patient's skin.

Poor adhesion can result in skin markers shifting off mark or falling off the patient. This translates to lost markers, repeat procedures, and wasted time which makes for a higher cost to the imaging facility.

Controlled Laboratory Peel Strength Test:

Two brands of mole markers, Beekley's Soft 'n Stretchy® O-SPOT (product #191) and another brand's stretch-style marker were subjected to laboratory peel strength testing*.

50 markers from each brand were tested. The markers were mechanically pulled at a 90° angle from an aluminum plate with precise measurements recorded of the strength required to pull the marker free for each test. The aluminum plate was cleaned after each peel test and the room temperature was constant at 71.2°F.

Results:

	Average Peel Strength in Lbs.	Low to High Ranges:
Beekley Medical:	.6726	.59 to .80
Other Brand:	.4458	.32 to .67

The Beekley Mole Marker demonstrated average of 50.9% greater adhesive strength than the other brand's marker.

Laboratory Peel Test results:
All tests are 90 degree peel from aluminum plate

Plate was cleaned after each peel test
Tests performed: 2/18/11 4:45 am to 7:30 am
Temp in room was 71.2 F throughout test

	Other Brand Stretch Style Mole Marker	Beekley Medical Soft 'n Stretchy O-SPOT (item # 191)
1	0.40	0.62
2	0.41	0.66
3	0.44	0.59 LOW
4	0.41	0.67
5	0.36	0.72
6	0.45	0.62
7	0.44	0.74
8	0.53	0.71
9	0.38	0.68
10	0.40	0.63
11	0.42	0.76
12	0.38	0.80 HIGH
13	0.42	0.7
14	0.47	0.64
15	0.44	0.8
16	0.41	0.66
17	0.41	0.64
18	0.38	0.72
19	0.44	0.70
20	0.42	0.66
21	0.39	0.62
22	0.50	0.70
23	0.52	0.66
24	0.38	0.61
25	0.42	0.64
26	0.57	0.68
27	0.67 HIGH	0.66
28	0.63	0.64
29	0.58	0.62
30	0.54	0.64
31	0.47	0.68
32	0.42	0.72
33	0.4	0.70
34	0.48	0.64
35	0.42	0.66
36	0.43	0.67
37	0.33	0.67
38	0.39	0.62
39	0.43	0.60
40	0.42	0.64
41	0.34	0.66
42	0.42	0.72
43	0.45	0.75
44	0.36	0.69
45	0.32 LOW	0.64
46	0.43	0.68
47	0.58	0.72
48	0.49	0.64
49	0.59	0.68
50	0.51	0.66
	Average in Pounds 0.4458	Average in Pounds 0.6726

Low
High

** Full test available upon request.*