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Material Testing • Non Destructive Testing
Product Evaluation • Construction Materials

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**“Solacare Memory Flex 5.0” Mattress
INTERFACE PRESSURES – mm/Hg**

	Subject # →	(1)	(2)	(3)	GROUP AVG.
Scapula	Maximum	67	40	31	67
	Average	24	25	24	24
	St. Deviation	8.4	4.7	2.9	5.8
Sacral Prominence	Maximum	29	37	33	37
	Average	24	32	27	28
	St. Deviation	2.7	4.2	3.5	4.6
Heel	Maximum	83	110	75	110
	Average	32	33	24	29
	St. Deviation	27.6	32.0	32.0	26.4
Trochanter 90° side Position	Maximum	50	65	78	78
	Average	40	49	56	48
	St. Deviation	5.5	8.4	11.5	11.0

Subject	Sex	Height	Weight (lbs)
1	F	5' 4"	127 lbs
2	M	5' 6"	180 lbs
3	M	6' 1"	205 lbs

Test Equipment: Xsensor