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Material Testing • Non Destructive Testing  
Product Evaluation • Construction Materials

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**“Solacare Memory Flex 3.0” Mattress  
INTERFACE PRESSURES – mm/Hg**

	Subject # →	(1)	(2)	(3)	GROUP AVG.
Scapula	Maximum	62	42	37	62
	<b>Average</b>	<b>29</b>	<b>30</b>	<b>27</b>	<b>29</b>
	St. Deviation	9.9	5.0	3.9	6.8
Sacral Prominence	Maximum	48	41	40	48
	<b>Average</b>	<b>33</b>	<b>34</b>	<b>32</b>	<b>33</b>
	St. Deviation	7.8	5.5	2.9	5.8
Heel	Maximum	110	92	66	110
	<b>Average</b>	<b>33</b>	<b>29</b>	<b>21</b>	<b>27</b>
	St. Deviation	35.4	30.0	19.8	28.1
Trochanter 90° side Position	Maximum	52	63	85	85
	<b>Average</b>	<b>43</b>	<b>48</b>	<b>63</b>	<b>51</b>
	St. Deviation	4.7	8.1	13.4	12.8
<b>Subject</b>	<b>Sex</b>	<b>Height</b>	<b>Weight (lbs)</b>		
<b>1</b>	<b>F</b>	<b>5' 4"</b>	<b>127 lbs</b>		
<b>2</b>	<b>M</b>	<b>5' 6"</b>	<b>180 lbs</b>		
<b>3</b>	<b>M</b>	<b>6' 1"</b>	<b>205 lbs</b>		

**Test Equipment: Xsensor**