

Decision Matrix		Alternatives															
		Cross-Hatch				Alternate Layering (Lego)				Gyroids				Alternating Shores			
Criteria	Weight	A30-A50		A30-A60		A30-A50		A30-A60		A30-A50		A30-A60		A30-A50		A30-A60	
Soft Exterior	0.2	60	12	40	8	80	16	60	12	40	8	20	4	100	20	60	12
Medium Interior	0.2	20	4	60	12	20	4	60	12	80	16	80	16	20	4	60	12
Lightweight	0.1	20	2	60	6	20	2	60	6	20	2	60	6	20	2	60	6
Compliance	0.15	100	15	80	12	100	15	80	a	60	9	40	6	100	15	80	12
Similar Properties to Organic Tissue	0.35	60	21	40	14	100	35	60	21	60	21	40	14	100	35	60	21
Totals	1		54		52		72		51		56		46		76		63
Rank	-		5		6		2		7		4		8		1		3