

Criteria	Weight	Design 1 (attached fingers)		Design 2 (prosthetic hand)		Design 3 (pneumatic)	
		Raw	Weighted	Raw	Weighted	Raw	Weighted
Wearability (person)	20	8	160	7	140	7	140
Cost	30	9	270	6	180	3	90
Damage Likelihood (device)	10	8	80	6	60	5	50
Power Consumption	5	10	50	8	40	6	30
Weight	15	9	135	5	75	4	60
Functionality	20	6	120	9	180	10	200
Total			815		675		570

Criteria	Weight
Wearability	20
Cost	30
Damage Likelihood	10
Power Consumption	5
Maintenance	15
Weight	20