

Flitter: Product Contract

	Customer Need	Metric	Unit	Value
Patient	Backboard follows stiffness regulations	Max Deflection	cm	TBD
	Is long enough to accommodate most patients	Length	cm	~210
	Allows patient to lie in supine position	Width	cm	~60
	Protects patient from further injury	Depth	cm	~20
	Protects patient from further injury	Weight	kg	>=1133
	Can support heavy patients	Max bodyweight	kg	150
Rescuer	Can be comfortably gripped for long periods of time	Grip Size (outer diameter)	cm	2.54
	Is light enough to transport and carry patient	Weight	kg	7
	Patient can be safely and easily transferred from initial position to supine position on flitter	Lifting height needed to put victim in flitter	cm	<5
	Can be cleaned thoroughly after patient transportation	crevices	number	minimize
	Can be used over long periods of time without replacement	Number of uses	number	100
	Sides can withstand rough handling and contact	Wear resistant	binary	yes
Transport	Can be easily folded for transport	Hands-free packed transport	cm ³	<7000
	Can be unfolded/assembled quickly	Assembly time	Seconds	<120
	Can attach a wheel	Wheel Attachment	binary	yes