

Technical Specifications along with TDs for Sam Splint

S/No.	Proposed Specification by BOO	Final Proposed	Proposed Trial Directive	
1	Lightweight and portable for use in emergencies, clinical, and outdoor settings.	Lightweight and portable for use in emergencies, clinical, and outdoor settings, while easily bending into curves for enhanced rigidity and customizable support.		
2	Bends into curves for enhanced rigidity and customizable support	Bends into curves for enhanced rigidity and customizable support	BOO to physically check and verify.	
3	Neoprene padding (3 mm) layered on aluminium core for	i. Excellent durability and long service life.	i. Durable and long service life.	BOO to check and verify through OEM certificate
		ii. Weather and chemical resistance.	ii. Weather and chemical resistance.	BOO to check and verify through OEM certificate
		iii. Thermal insulation and effective shock absorption	iii. Thermal insulation and effective shock absorption	BOO to check and verify through OEM certificate
		iv. Soft, skin-friendly surface for patient comfort.	iv. Soft, skin-friendly surface for patient comfort.	BOO to physically check and verify.
4	Aluminium thickness of 0.46 mm for strength with flexibility.	Aluminium thickness of Min 0.40 to 0.50 mm for strength with flexibility.	BOO to physically check and verify through OEM certificate	
5	Radiolucent: X-Ray safe.	Radiolucent: X-Ray safe.	BOO to check and verify through OEM certificate	
6	Reusable and cleanable exterior for extended usability.	Reusable and cleanable exterior for extended usability.	BOO to physically check and verify through OEM certificate	
8	Includes straps with buckles in the box for secure fastening.	i. Nylon Straps	i. Straps	BOO to physically check and verify
		ii. Waterproof and weather-resistant	ii. Waterproof and weather-resistant	BOO to check and verify through OEM certification provided by the firm.
		iii. Universal Size	iii. Universal Size	BOO to physically check and verify.

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9	Comes in flat and roll-up models for convenient storage and portability.	Comes in flat and roll-up models for convenient storage and portability.	BOO to physically check and verify.	
10	Bright orange color for high visibility in rescue and emergency use.	Point may be removed. Any color is acceptable		
11	Length markings on the exterior for quick measurement	Length markings on the exterior for quick measurement	BOO to physically check and verify.	
12	Can be trimmed to size for patient-specific fit.	Can be trimmed to size for patient-specific fit.	BOO to physically check and verify.	
13	Available in sizes (XL, S, M, L):	i. XL: 100 x 200 cm, 5 straps	BOO to physically check and verify.	
		ii. S: 25 x 140 cm, 3 straps		i. XL: 100 x 20 cm, (Min. 5 straps)
		iii. M: 50 x 140 cm, 4 straps		ii. S: 25 x 14 cm, (Min. 3 straps)
		iv. L: 100 x 140 cm, 5 straps		iii. M: 50 x 14 cm, (Min. 4 straps)
		iv. L: 100 x 14 cm, (Min. 5 straps)		