

General parameter of Technical Specifications along with TDs for Sam Splint

S/No.	Specification	Trial Directive	
1	Lightweight and portable for use in emergencies, clinical, and outdoor settings, while easily bending into curves for enhanced rigidity and customizable support.	Nil	
2	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	Durable and long service life.	BOO to check and verify through OEM certificate
		ii. Weather and chemical resistance.	BOO to check and verify through OEM certificate
		iii. Thermal insulation and effective shock absorption	BOO to check and verify through OEM certificate
		iv. Soft, skin-friendly surface for patient comfort.	BOO to physically check and verify.
4	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.	BOO to check and verify through OEM certificate	
6	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. Straps	BOO to physically check and verify
		ii. Waterproof and weather-resistant	BOO to check and verify through OEM certification provided by the firm.
		iii. Universal Size	BOO to physically check and verify.
9	Comes in flat and roll-up models for convenient storage and portability.	BOO to physically check and verify.	
10	Length markings on the exterior for quick measurement	BOO to physically check and verify.	
11	Can be trimmed to size for patient-specific fit.	BOO to physically check and verify.	
12	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	
		iii. M: 50 x 140 cm, 4 straps	
		iv. L: 100 x 140 cm, 5 straps	