

TEST REPORT No.: INZ66469-02

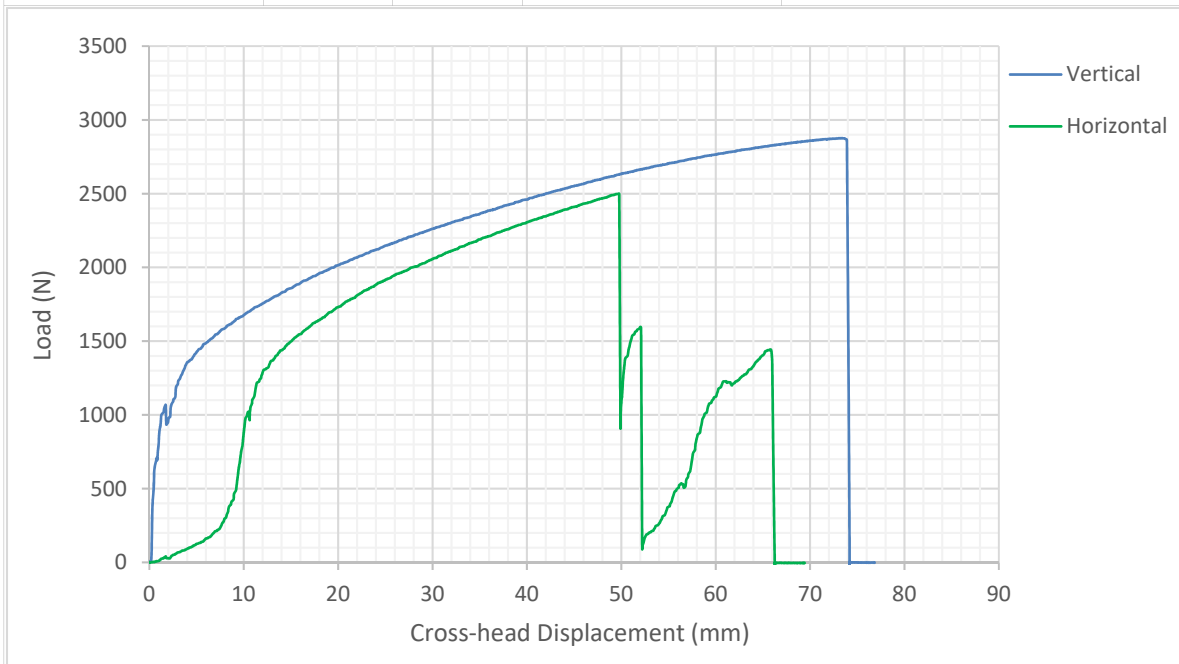
Client: Fastmount Limited
 Order No.: TBD
 Sample Description: Panel suspension strap
 Identification: PC-SR225SS
 Material Specification: Stainless steel, grade unspecified
 Tested in accordance with: Client instruction

Test: SGS NZ was engaged by the client to carry out tensile tests on the Fastmount PC-SR225SS panel suspension strap (Fig. 1) to determine ultimate load capacity and extension at break.

Method: The strap was subjected to a tensile test in two configurations, vertical and horizontal (Fig. 2), at a rate of 50mm/min until failure occurred. The load versus cross-head displacement was measured and recorded.

Test Conditions - 23 ± 2°C, r.h 50 ± 10%

Results:	Configuration	Breaking Load		Extension at Break (mm)	Mode of Failure
		(N)	(kg)		
	Vertical panel mounting	2876	293	74	Fracture in the reduced section of the strap
	Horizontal panel mounting	2500	255	50*	Failure of the two #6 screws leading to hole tear-out at the #10 screw



* Taken from the initial failure

Tested by: G. Schoutens

Reviewed By: Jen Sun Hong

Authorised By: Gijs Schoutens

Date: 11-Jun-19

12-Jun-19

12-Jun-19

Jen Sun Hong

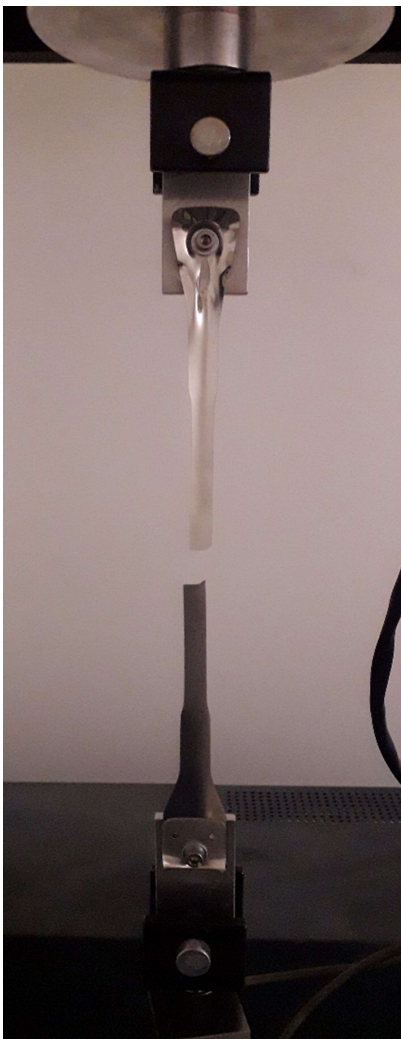
Gijs Schoutens

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Figure 1 - PC-SR225SS strap



Vertical panel mounting



Horizontal panel mounting

Figure 2 - Tensile test of straps in two mounting configurations

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