

Strength test report – Aerial Hoop FR Sports

Product name: Aerial Hoop 2-handles (RX201-200) and Aerial Hoop 1-handle (RX201-100).



Strength test device: Ripper ZWICK Z050 with calibration certificate ZPS-0539-2015

Loading model the same for hoops with 1-handle and 2-handles:

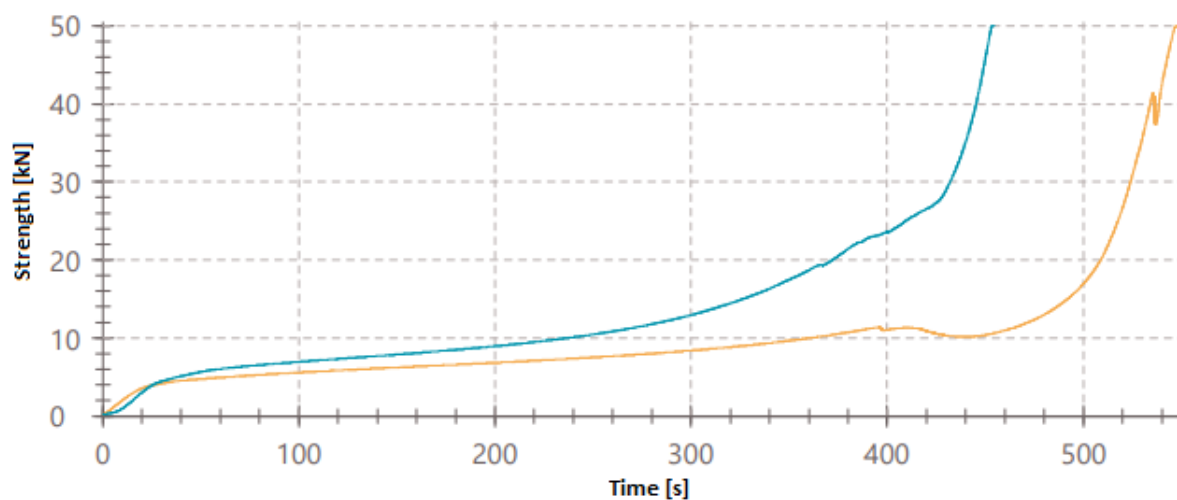


Set breaking load – 50 kN

Test data: 10.07.2019

Colour	No	Test data	Product name	Fmax [kN]	Comments
	1	2019-07-10	RX201-100	50,0	-
	2	2019-07-10	RX201-200	50,0	-

Loading Graph



Conclusions:

First aerial hoop deformation can be observed after 6kN=600kg static load. Complete hoop deformation after 50kN=5000kg – deformation showed below. Hoop has not been broken after 50kN=5000kg. Hoop with 1-handle deformation is slower.



Test engineer:
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