

MORPHEUS

Table of area loading



Surface load per square meter on U-Turn MORPHEUS																		
Start Weight (kg)	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	140
MORPHEUS 15	3,33	3,67	4,00	4,33	4,67	5,00	5,33	5,67	6,00	6,33	6,67							
MORPHEUS 16	3,05	3,35	3,66	3,96	4,27	4,57	4,88	5,18	5,49	5,79	6,10	6,40						
MORPHEUS 17	2,94	3,24	3,53	3,82	4,12	4,41	4,71	5,00	5,29	5,59	5,88	6,18	6,47					
MORPHEUS 17.5	2,86	3,14	3,43	3,71	4,00	4,29	4,57	4,86	5,14	5,43	5,71	6,00	6,29	6,57				
MORPHEUS 18	2,78	3,06	3,33	3,61	3,89	4,17	4,44	4,72	5,00	5,28	5,56	5,83	6,11	6,39	6,67			
MORPHEUS 19		2,89	3,16	3,42	3,68	3,95	4,21	4,47	4,74	5,00	5,26	5,53	5,79	6,05	6,32	6,58		
MORPHEUS 21			2,86	3,10	3,33	3,57	3,81	4,05	4,29	4,52	4,76	5,00	5,24	5,48	5,71	5,95	6,19	6,67
MORPHEUS 24				2,71	2,92	3,13	3,33	3,54	3,75	3,96	4,17	4,38	4,58	4,79	5,00	5,21	5,42	5,83

Dear Pilots,

The area loading table is intended to give you valuable hints on the behaviour in flight of the canopy under different stress conditions. The different colors indicate the following:

BLUE: A paraglider with this stress load is only conditionally suited for acro-figures.

GREY: All rhythmical figures can be performed as of this stress load, even the INFINITY Tumbling is possible with corresponding pilot experience and expertise.

GREEN: This medium to upper area is the ideal stress loading per unit area. The paraglider has the perfect balance between controlability and agility. All manoeuvres can be done with high dynamic precision.

ORANGE: The paraglider can develop an immense dynamic level if handled incorrectly, this level can only be handled and kept under control by professional pilots. loading! Errors can very quickly lead to life endangering situations. U-Turn recommends to strictly avoid these levels of area stress

RED: It is not allowed to do any acro-manoevres in this region of area stress loading. The paraglider can reach such a high dynamic level which exceeds what the pilot and the material can withstand. This can even lead to the pilot getting unconscious and the paraglider being destroyed.