

TBS, SFC, PBB, Firestorm, Wildtrack - Static Mast bends 23/07/15 - 45 kg Fore & Aft bend						
Dist. From Mast tip Black band -Metres	Static Bend - mm TBS 2236	Static Bend - mm SFC 2228 Plastic Track	Static Bend - mm Wildtrack 2241 carbon track Soft	Static Bend - mm Wildtrack 2241 Carbon track Stiff	Static Bend - mm PBB 2233 Plastic Track	Static Bend - mm Firestorm 2242
2.5	127 - 7% = 118	148	118	111	124	126
Variation % to F'storm	~0 +6	-17	6	12	1	
3.5	130 - 7% = 121	148	120	106	125	122
Variation % to F'storm	-6 ~0	-21	1	13	-2	
Bend over 7.0 supports						

TBS SFC PBB Firestorm Wildtrack Static Mast bends 23/07/15 - 45 kg Transverse bend						
Dist. From Mast tip Black band -Metres	Static Bend - mm TBS 2236	Static Bend - mm SFC 2228	Static Bend - mm Wildtrack 2241 (Soft)	Static Bend - mm Wildtrack 2241 (Stiff)	Static Bend - mm PBB 2233	Static Bend - mm Firestorm 2242
2.5	150		124	108		120
Variation % to F'storm	-25		-3	10		
3.5	143		125	109		118
Variation % to F'storm	-21		-5	7		
Bend over 7.0 supports						

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Dist. From Mast tip Black band -Metres	Static Bend - mm TBS 2236	Static Bend - mm SFC 2228	Static Bend - mm Wildtrack 2241 (Soft)	Static Bend - mm Wildtrack 2241 (Stiff)	Static Bend - mm PBB 2233	Static Bend - mm Firestorm 2242
Fore & Aft bending variation to Firestorm						
2.5	Same now. 6% stiffer with c'track added	17% softer tapered mast with base cut off - check	6% stiffer new mast with base cut off - check	12% stiffer new mast with top cut off (11% stiffer than PBB)	1% stiffer tapered mast with tip cut off	Bench mark
3.5	6% softer now. Same when c'track added	21% softer tapered mast with base cut off	1% stiffer new mast with base cut off	13% stiffer new mast with top cut off (15% stiffer than PBB)	2% softer tapered mast with tip cut off	Bench mark
Transverse bending variation to Firestorm						
2.5	25% softer		3% softer	10% stiffer		
3.5	21% softer		5% softer	7% stiffer		
Bend over 7.0 supports						