

COMPOUND BOW – Release Aid Calculated Peak Bow Weight—lbs

YOUR ARROW

LENGTH FOR TARGET • FIELD • 3D

RECURVE BOW

Bow Rating - up to 275 FPS	Bow Rating - 276-300 FPS	Bow Rating - 301-320 FPS	Bow Rating - 321-340 FPS	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	Bow Weight—lbs. - Finger Release
29-35 lbs. (13.2-15.9 kg)				00	01	02	03	T1	T2	T3				21-27 lbs. (9.5-12.2 kg)
35-40 lbs. (15.9-18.1 kg)	29-35 lbs. (13.2-15.9 kg)			01	02	03	T1	T2	T3	T4	T5			27-32 lbs. (12.2-14.5 kg)
40-45 lbs. (18.1-20.4 kg)	35-40 lbs. (15.9-18.1 kg)	29-35 lbs. (13.2-15.9 kg)		02	03	T1	T2	T3	T4	T5	T6	T7		32-36 lbs. (14.5-16.3 kg)
45-50 lbs. (20.4-22.7 kg)	40-45 lbs. (18.1-20.4 kg)	35-40 lbs. (15.9-18.1 kg)		03	T1	T2	T3	T4	T5	T6	T7	T8	T9	36-40 lbs. (16.3-18.1 kg)
50-55 lbs. (22.7-24.9 kg)	45-50 lbs. (20.4-22.7 kg)	40-45 lbs. (18.1-20.4 kg)	35-40 lbs. (15.9-18.1 kg)	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	40-44 lbs (18.1-20.0 kg)
55-60 lbs (24.9-27.2 kg)	50-55 lbs. (22.7-24.9 kg)	45-50 lbs. (20.4-22.7 kg)	40-45 lbs. (18.1-20.4 kg)	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	44-48 lbs. (20.0-21.8 kg)
60-65 lbs. (27.2-29.5 kg)	55-60 lbs. (24.9-27.2 kg)	50-55 lbs. (22.7-24.9 kg)	45-50 lbs. (20.4-22.7 kg)	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	48-52 lbs (21.8-23.6 kg)
65-70 lbs (29.5-31.8 kg)	60-65 lbs. (27.2-29.5 kg)	55-60 lbs. (24.9-27.2 kg)	50-55 lbs. (22.7-24.9 kg)	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	53-57 lbs (24.0-25.9 kg)
70-76 lbs. (31.8-34.5 kg)	65-70 lbs. (29.5-31.8 kg)	60-65 lbs. (27.2-29.5 kg)	55-60 lbs. (24.9-27.2 kg)	T5	T6	T7	T8	T9	T10	T11	T12	T13	T13	58-62 lbs. (26.3-28.1 kg)
76-82 lbs (34.5-37.2 kg)	70-76 lbs. (31.8-34.5 kg)	65-70 lbs. (29.5-31.8 kg)	60-65 lbs. (27.2-29.5 kg)	T6	T7	T8	T9	T10	T11	T12	T13	T13	T14	63-67 lbs. (28.6-30.4 kg)
82-88 lbs. (37.2-39.9 kg)	76-82 lbs (34.5-37.2 kg)	70-76 lbs. (31.8-34.5 kg)	65-70 lbs. (29.5-31.8 kg)	T7	T8	T9	T10	T11	T12	T13	T13	T14		68-73 lbs. (30.8-33.1 kg)

For ATA Speed of 341-350 FPS: Start in 321-340 FPS column, drop down one row in chart: Examples: 58lb-31in-345 FPS: drops down one row, still in Group T13 For ATA Speed of 351+ FPS: Start in 321-340 FPS column, drop down two rows in chart: Examples: 59lb-31in-355 FPS: drops down two rows, shift from Group T13 to Group T14
46lb-28in-345 FPS: drops down one row, shift from Group T8 to Group T9 47lb-28in-355 FPS: drops down two rows, shift from Group T8 to Group T10

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group 00				Group 01				Group 02				Group 03			
1800	1.800	Carb1	3.6	2-00	1.500	A/C/G	4.7	1250	1.250	A/C/E	5.1	1100	1.100	A/C/E	5.1
1800	1.800	Apollo	3.6	1500	1.500	A/C/G	4.7	1300	1.300	A/C/G	5.1	1150	1.150	A/C/G	5.5
1800	1.800	Inspire	3.6	1600	1.600	Carb1	3.8	3L-00	1.300	A/C/C	5.1	3-00	1.150	A/C/C	5.5
1214	2.501	75	5.9	1600	1.600	Apollo	3.8	1400	1.400	Carb1	4.2	1150	1.150	Carb1	5.0
1413	2.036	75	5.9	1600	1.600	Inspire	3.8	1400	1.400	Apollo	4.2	1200	1.200	Inspire	7.2
				1416	1.684	75	7.1	1400	1.400	Inspire	4.2	1200	1.200	Apollo	5.5
				1516	1.403	75	7.3	1400	1.400	Vector	3.9	1000	1.000	Vector	5.0
								1514	1.379	X7	6.8	1614	1.153	X7	7.7

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group T3				Group T4				Group T5				Group T6			
*720-780R	0.720-0.780	A/C/E	6.4	*670-720R	0.670-0.720	A/C/E	5.9	*620-670R	0.620-0.670	A/C/E	6.1	*570-620R	0.570-0.620	A/C/E	6.3
*700-750R	0.700-0.750	X10	6.7	*650-700R	0.650-0.700	X10	6.8	*600-650R	0.600-0.650	X10	7.0	*550-600R	0.550-0.600	X10	7.5
720	0.720	ProTour	6.2	670	0.670	ProTour	6.5	620	0.620	ProTour	6.7	570	0.570	ProTour	6.9
*710-810R	0.710-0.810	A/C/G	6.5	*660-710R	0.660-0.710	A/C/G	6.9	*610-660R	0.610-0.660	A/C/G	7.3	*540-610R	0.540-0.610	A/C/G	7.7
3X-04	0.830	A/C/C	6.7	3L-04	0.750	A/C/C	7.0	3-04	0.680	A/C/C	7.2	3L-18	0.620	A/C/C	7.5
3L-04	0.750	A/C/C	7.0	3-04	0.680	A/C/C	7.2	660	0.660	Carb1	6.6	600	0.600	Carb1	6.9
730	0.730	Carb1	6.0	660	0.660	Carb1	6.6	630	0.630	Inspire	7.9	570	0.570	Inspire	8.2
750	0.750	Inspire	8.1	630	0.630	Inspire	7.9	670	0.670	Apollo	7.7	610	0.610	Apollo	8.1
840	0.840	Apollo	6.5	740	0.740	Apollo	7.2	2013	0.610	75	9.0	2013	0.610	75	9.0
1813	0.874	75	7.9	1913	0.733	75	8.3	1914	0.658	X7	9.3	2014	0.579	X7	9.6
1814	0.799	X7	8.6	1914	0.658	X7	9.3	1916	0.623	75	10.0	1916	0.623	75	10.1
1816	0.756	75	9.3					RX7-21	0.525	RX7	9.3	475	0.475	SDRIVE 23	6.4
												500	0.500	HSPEED	6.9
												570	0.570	PRO	6.6
												RX7-21	0.525	RX7	9.3
												480	0.480	SDRIVE 19	7.0

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group T9				Group T10				Group T11				Group T12			
*430-470R	0.430-0.470	A/C/E	7.0	*400-430R	0.400-0.430	A/C/E	7.5	*370-400R	0.370-0.400	A/C/E	7.9	370R	0.370	A/C/E	7.9
*410-450R	0.410-0.450	X10	8.5	*380-410R	0.380-0.410	X10	8.9	380R	0.380	X10	8.9	350R	0.350	X10	8.4
420	0.420	ProTour	8.0	380	0.380	ProTour	8.4	380	0.380	ProTour	8.4	340	0.340	ProTour	8.8
*430-480R	0.430-0.480	A/C/G	8.9	*430-480R	0.430-0.480	A/C/G	8.9	3-49	0.390	A/C/C	8.8	3-60	0.340	A/C/C	9.5
3-39	0.440	A/C/C	8.6	3-39	0.440	A/C/C	8.6	3-60	0.340	A/C/C	9.5	3-71	0.300	A/C/C	9.9
450	0.450	FMJMatch	9.4	3-49	0.390	A/C/C	8.8	375	0.375	FMJMatch	10.3	290	0.290	SDRIVE 25	7.8
450	0.450	Carb1	8.1	400	0.400	FMJMatch	10.0	290	0.290	SDRIVE 25	7.8	350	0.350	X7	8.4
2311	0.450	X7	8.9	410	0.410	Carb1	8.5	2413	0.365	X7, 75	10.5	2511	0.348	X7	9.6
2312	0.423	X7	9.5	2413	0.365	X7, 75	10.5	2314	0.390	X7, 75	10.8	2512	0.321	X7	10.3
2213	0.460	X7, 75	9.9	2214	0.425	X7	10.4	2315	0.340	X7, 75	11.8	2612	0.285	X7	10.7
2214	0.425	X7	10.4	2314	0.390	X7, 75	10.8	2511	0.348	X7	9.6	2613	0.265	X7	11.5
2115	0.461	75	10.8	2412	0.400	X7	9.7	375	0.375	SDRIVE 23	6.9	2712	0.260	X7	11.3
375	0.375	SDRIVE 23	6.9	375	0.375	SDRIVE 23	6.9	400	0.400	HSPEED	7.4	325	0.325	SDRIVE 23	7.4
400	0.400	HSPEED	7.4	400	0.400	HSPEED	7.4	380	0.380	PRO	8.9	340	0.340	HSPEED	8.2
420	0.420	PRO	7.8	380	0.380	PRO	8.9	380	0.380	SDRIVE 19	7.8	340	0.340	PRO	8.9
RX7-23	0.420	RX7	10.4	RX7-23	0.420	RX7	10.4					300	0.300	PRO	9.6
380	0.380	SDRIVE 19	7.8	380	0.380	SDRIVE 19	7.8					330	0.330	SDRIVE 19	8.4

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group T1				Group T2			
*920-1000R	0.920-1.000	A/C/E	5.8	*780-850R	0.780-0.850	A/C/E	6.0
*900-1000R	0.900-1.000	X10	5.8	*750-830R	0.750-0.830	X10	6.4
*880-1000R	0.880-1.000	A/C/G	5.9	770	0.770	ProTour	6.0
2L-04	1.020	A/C/C	6.1	*810-880R	0.810-0.880	A/C/G	6.1
2-04	0.920	A/C/C	6.5	2-04	0.920	A/C/C	6.5
900	0.900	Carb1	5.3	810	0.810	Carb1	5.8
1070	1.070	Apollo	5.9	950	0.950	Apollo	6.2
1000	1.000	Inspire	7.2	900	0.900	Inspire	7.7
1000	1.000	Vector	5.0	1714	0.963	X7	8.1
1713	1.044	75	7.4	1716	0.880	75	9.0
1714	0.963	X7	8.1				
1616	1.079	75	8.4				

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group T7				Group T8			
*520-570R	0.520-0.570	A/C/E	6.7	*470-520R	0.470-0.520	A/C/E	6.8
*500-550R	0.500-0.550	X10	7.8	*450-500R	0.450-0.500	X10	8.1
520	0.520	ProTour	7.3	470	0.470	ProTour	7.6
*540-610R	0.540-0.610	A/C/G	7.7	*480-540R	0.480-0.540	A/C/G	8.4
3-18	0.560	A/C/C	7.8	3-28	0.500	A/C/C	8.1
3-28	0.500	A/C/C	8.1	3-39	0.440	A/C/C	8.6
530	0.530	FMJMatch	8.4	490	0.490	FMJMatch	8.9
550	0.550	Carb1	6.9	500	0.500	Carb1	7.4
560	0.560	Apollo	8.4	2212	0.505	X7	8.8
2212	0.505	X7	8.8	2213	0.460	X7, 75	9.9
2114	0.510	X7, 75	9.9	2114	0.510	X7, 75	9.9
2016	0.531	75	10.6	475	0.475	SDRIVE 23	6.4
475	0.475	SDRIVE 23	6.4	500	0.500	HSPEED	6.9
500	0.500	HSPEED	6.9	470	0.470	PRO	7.3
520	0.520	PRO	7.0	RX7-23	.0420	RX7	10.4
RX7-22	0.475	RX7	9.7	480	.480	SDRIVE 19	7.0
480	0.480	SDRIVE 19	7.0				

Size	Spine	Model	Weight Grs/inch	Size	Spine	Model	Weight Grs/inch
Group T13				Group T14			
325R	0.325	X10	8.8	270	0.270	SDRIVE 27	9.0
3-71	0.300	A/C/C	9.9	2613	0.265	X7	11.5
290	0.290	SDRIVE 25	7.8	2712	0.260	X7	11.3
270	0.270	SDRIVE 27	9.0				
2512	0.321	X7	10.3				
2612	0.285	X7	10.7				
325	0.325	SDRIVE 23	7.4				
300	0.300	HSPEED	8.2				
300	0.300	PRO	9.6				
330	0.330	SDRIVE 19	8.4				

Every effort has been made to ensure the accuracy of this Product Guide. Graphics