

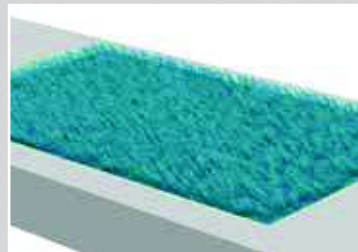
SKI TECHNOLOGY

GRIP TECHNOLOGIES

A Grip technology provides grip in the kick zone without the need for kick wax. We have three different types:

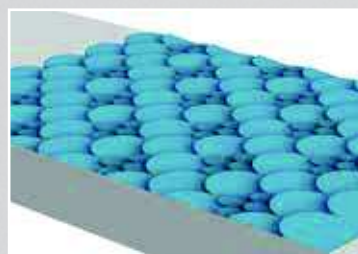
SKINTEC

Our high-performance waxless technology, with 100% Mohair skin grip zones, now featured across the range.



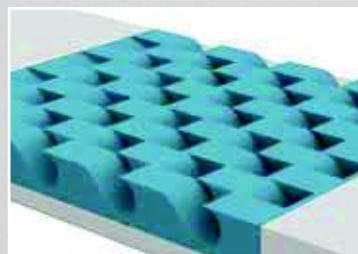
POSIGRIP 3D

Our versatile grip technology used on some of our all-round skis.



G2 SYNCRO

A grip technology, ideal for newcomers to the classic track.



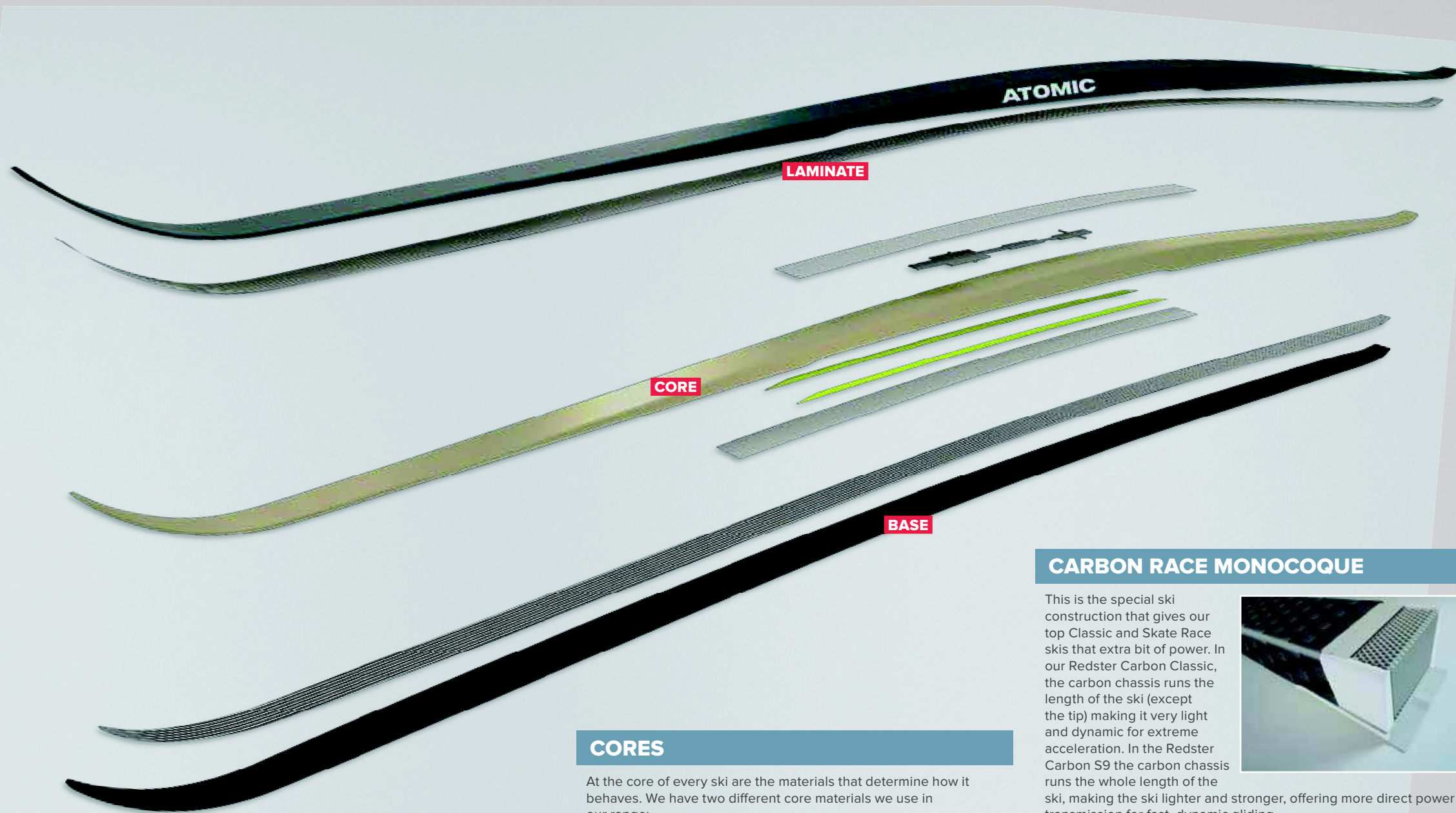
LAMINATES

Laminates contribute towards the rebound and power transmission of a ski. In our skis we use two different sorts:

CARBON FIBREGLASS LAMINATE



FIBREGLASS LAMINATES



CARBON RACE MONOCOQUE

This is the special ski construction that gives our top Classic and Skate Race skis that extra bit of power. In our Redster Carbon Classic, the carbon chassis runs the length of the ski (except the tip) making it very light and dynamic for extreme acceleration. In the Redster Carbon S9 the carbon chassis runs the whole length of the ski, making the ski lighter and stronger, offering more direct power transmission for fast, dynamic gliding.



CORES

At the core of every ski are the materials that determine how it behaves. We have two different core materials we use in our range:

NOMEX

An ultra-lightweight material originally used in aerospace. It's structured like a honeycomb for strength, resilience and liveliness. We also use it in combination with Densolite.



NOMEX CORES:
Featherlight, Featherlight SDS, Lite, Lite SDS

DENSOLITE

Light, stable and tough. Densolite is produced in Atomic's own facilities and comes in three variations: Densolite, High Densolite and Ultra High Densolite. They're all equally tough, but the High and Ultra High versions are lighter and more dynamic.



DENSOLITE CORES:
Speedcell, Helium Densolite, Ultra High Densolite, Ultra High Densolite SDS, High Densolite, Densolite

BASES

All our skis have high-quality bases. These are fast on every snow, can stand up to everything and are easy to maintain:

BLACK BASE: BI 5000 SA (Sintered World Cup Base) inclusive 6% special additive
ADVANTAGES
Increased gliding, improved wax absorption, better grind ability, Atomic exclusivity

BI 5000 (World Cup Base)
BI 4000, 3000, 2000
BI 1500 (Touring Base)

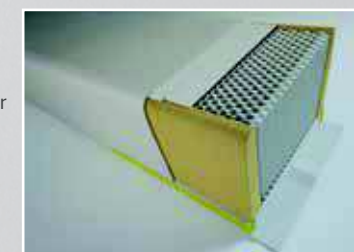
WHITE BASE (CB): BI 5000 (World Cup Base)

SIDEWALLS

Putting a sidewall on a cross-country ski helps with steering and power transmission. We have two different sidewalls that feature on our high-performance Redster skis:

STEP DOWN SIDEWALL

With Densolite sidewall or lightwood sidewall for Redster WC Classics.



LIGHTWEIGHT WOOD SIDEWALL

For Redster WC Skates.

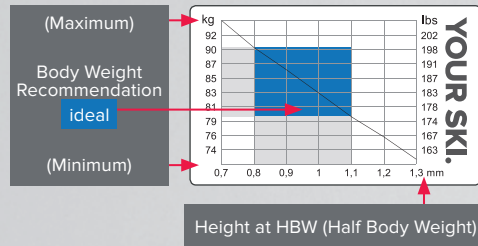


WEIGHT RECOMMENDATION NORDIC SKIS

On every Worldcup ski we make there is a sticker that shows the important technical information about that ski. This includes its ideal weight range, based on the ski's specific length and flex. There are two different stickers, one for Classic and one for Skate:

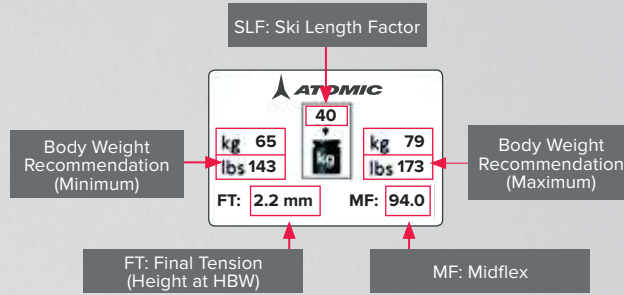
CLASSIC

This sticker includes a color coding for different conditions: cold (blue ■), universal (yellow ■) or warm (red ■). The sticker shown below is for a cold ski which is recommended for skiers between 72 – 94 kg, perfectly suitable for 80 – 90 kg. In addition, there's a special sticker for Skintec (colour coding grey ■).



SKATE

The sticker shown below is for a ski which is recommended for skiers between 65-79 kg, or 143-173 lbs.



	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs
RACE SKATE										
REDSTER S9 CARBON	173 cm		180 cm		186 cm		192 cm			
AB0020840 universal soft/medium	40-55	88-121	50-65	110-143	55-70	121-154	65-80	143-176	-	-
AB0020842 universal medium/hard	-	-	-	-	65-80	143-176	75-95(+)	165-209(+)	-	-
AB0020838 universal xstiff	-	-	-	-	-	-	90-110(+)	198-242(+)	-	-
AB0020846 plus m/h (white base)	-	-	50-65	110-143	60-80	132-176	70-95(+)	154-209(+)	-	-
AB0020844 plus xstiff (white base)	-	-	-	-	-	-	90-110(+)	198-242(+)	-	-
REDSTER S9	173 cm		180 cm		186 cm		192 cm			
AB0020834 soft/medium	40-55	88-121	50-65	110-143	55-70	121-154	65-80	143-176	-	-
AB0020836 medium/hard	-	-	-	-	65-80	143-176	75-95(+)	165-209(+)	-	-
AB0020832 xstiff	-	-	-	-	-	-	90-110(+)	198-242(+)	-	-
REDSTER S7	173 cm		180 cm		186 cm		192 cm			
AB0020850	40-55	88-121	50-65	110-143	60-75	132-165	70-85(+)	154-187	-	-
AB0020848 xstiff	-	-	-	-	-	-	90-110(+)	198-242(+)	-	-
REDSTER S5	172 cm		178 cm		184 cm		190 cm			
AB0020852	40-55	88-121	50-65	110-143	60-80	132-176	75-100(+)	165-220(+)	-	-
RACE CLASSIC										
REDSTER CARBON CLASSIC	192 cm		197 cm		202 cm		207 cm			
AB0020792 cold medium	-	-	-	-	70-80	154-176	80-90	176-198	-	-
AB0020782 cold soft	45-55	99-121	50-60	110-132	60-70	132-154	60-70	132-154	-	-
AB0020788 universal hard	-	-	-	-	-	-	90-105(+)	198-231(+)	-	-
AB0020786 universal medium	55-65	121-143	60-70	132-154	70-80	154-176	80-90	176-198	-	-
AB0020784 universal soft	45-55	99-121	50-60	110-132	60-70	132-154	70-80	154-176	-	-
AB0020808 plus medium (white base)	-	-	50-60(+)	110-132(+)	65-75(+)	143-165(+)	75-85(+)	165-187(+)	-	-
REDSTER C9 SKINTEC	192 cm		197 cm		202 cm		207 cm			
AB0020864	50-65	110-143	55-70	121-154	65-80	143-176	75-90	165-198	-	-
AB0020862 xstiff	-	-	-	-	80-95	176-209	90-105(+)	198-231(+)	-	-
REDSTER C9	192 cm		197 cm		202 cm		207 cm			
AB0020858 universal medium/hard	-	-	-	-	75-90	165-198	85-100(+)	187-220(+)	-	-
AB0020860 universal soft/medium	45-55	99-121	50-60	110-132	60-75	132-165	70-85	154-187	-	-
AB0020854 cold medium/hard	-	-	-	-	70-80	154-176	80-90	176-198	-	-
AB0020856 cold soft/medium	45-55	99-121	50-60	110-132	60-70	132-154	70-80	154-176	-	-
REDSTER C7 SKINTEC	177 cm		184 cm		191 cm		198 cm		205 cm	
AB0020870 medium/hard	-	-	50-65	110-143	55-70	121-154	70-90	154-198	80-95+	176-209
AB0020874 xstiff	-	-	-	-	-	-	-	-	90-105(+)	198-231(+)
AB0020872 soft/medium	35-50	77-110	40-55	88-121	45-60	99-132	60-75	132-165	70-85	154-187
REDSTER C7	176 cm		184 cm		192 cm		200 cm		208 cm	
AB0020876	35-50	77-110	55-70	121-154	60-75	132-165	70-85	154-187	75-90	165-198
AB0020878 xstiff	-	-	-	-	-	-	-	-	90-110(+)	198-242(+)
REDSTER C5	181 cm		188 cm		195 cm		202 cm		209 cm	
AB0020886	55-65	121-143	55-70	121-154	60-75	132-165	70-95	154-209	75-100(+)	165-220(+)

	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs
SPORT SKATE												
PRO S2	172 cm		178 cm		184 cm		190 cm					
AB0020910	-	-	40-55	88-121	50-65	110-143	60-80	132-176	75-100(+)	165-220(+)	-	-
PRO S2 L	166 cm		172 cm		178 cm		184 cm					
AB0020908	40-55	88-121	45-60	99-132	55-65	121-143	60-75	132-165	-	-	-	-
PRO S1	172 cm		178 cm		184 cm		190 cm					
AB0020912	40-55	88-121	50-65	110-143	60-80	132-176	75-100(+)	165-220(+)	-	-	-	-
PRO CS1	172 cm		178 cm		184 cm		190 cm					
AB0020916	40-55	88-121	50-65	110-143	60-80	132-176	75-100(+)	165-220(+)	-	-	-	-
SPORT CLASSIC												
PRO C3 SKINTEC	176 cm		184 cm		192 cm		200 cm		208 cm			
AB0020888	55-65	121-143	55-70	121-154	60-75	132-165	70-85	154-187	75-90	165-198	-	-
AB0020890 xstiff	-	-	-	-	-	-	-	-	90-110(+)	198-242(+)	-	-
PRO C3 SKINTEC L	176 cm		184 cm		192 cm		200 cm					
AB0020892	50-60	110-132	55-65	121-143	60-70	132-154	65-75	143-165	-	-	-	-
PRO C2 SKINTEC	181 cm		188 cm		195 cm		202 cm		209 cm			
AB0020900	55-65	121-143	55-70	121-154	60-75	132-165	70-85	154-187	80-95(+)	176-209(+)	-	-
AB0020898 xstiff	-	-	-	-	-	-	80-95	176-209	90-110(+)	198-242(+)	-	-
PRO C2 SKINTEC L	181 cm		188 cm		195 cm		202 cm					
AB0020918	50-60	110-132	55-70	121-154	60-70	132-154	65-75	143-165	-	-	-	-
PRO C2	181 cm		188 cm		195 cm		202 cm		209 cm			
AB0020896	55-65	121-143	55-70	121-154	60-75	132-165	70-95	154-209	75-100(+)	165-220(+)	-	-
TOURING MID SIZE												
MOTION SKINTEC	174 cm		184 cm		194 cm		204 cm					
AB0020766	50-65	110-143	55-70	121-154	70-85	154-187	80-95	176-209	-	-	-	-
AB0020764 xstiff	-	-	-	-	80-95	176-209	90-110(+)	198-242(+)	-	-	-	-
MOTION SKINTEC W	174 cm		184 cm		194 cm							
AB0020798	50-65	110-143	55-70	121-154	70-85	154-187	-	-	-	-	-	-
MOTION 52 GRIP	177 cm		184 cm		191 cm		198 cm		205 cm			
AB0020772	55-65	121-143	55-70	121-154	60-75	132-165	70-95	154-209	75-100(+)	165-220(+)	-	-
MOTION 52 WAX	177 cm		184 cm		191 cm		198 cm		205 cm			
AB0020768	55-65	121-143	55-70	121-154	60-75	132-165	70-95	154-209	75-100(+)	165-220(+)	-	-
MOTION 46 GRIP	179 cm		186 cm		193 cm		200 cm		207 cm			
AB0020776	55-65	121-143	55-70	121-154	60-75	132-165	70-95	154-209	75-100(+)	165-220(+)	-	-
TOURING SHORT SIZE												
MOTION XCRUISE 53 POSIGRIP	163 cm		173 cm		183 cm		193 cm					
AB0020760	55-65	121-143	55-70	121-154	60-75	132-165	70-95	154-209	-	-	-	-
AB0020762 xstiff	-	-	-	-	80-95	176-209	90-100(+)	198-220(+)	-	-	-	-
MOTION XCRUISE 55 GRIP	163 cm		173 cm		183 cm		193 cm					
AB0020758	55-70	121-154	60-75	132-165	70-95	154-209	75-100(+)	165-220(+)	-	-	-	-
MOTION XCRUISE 55 GRIP W	163 cm		173 cm		183 cm							
AB0020756	40-55	88-121	50-65	110-143	60-75	132-165	-	-	-	-	-	-
JUNIOR SKATE												
REDSTER S9 JR	137 cm		144 cm		151 cm		158 cm		165 cm		172 cm	
AB0020868	20-30	44-66	30-40	66-88	35-45	77-99	40-50	88-110	45-55	99-121	50-60	110-132
REDSTER S5 JR	138 cm		148 cm		158 cm		163 cm		168 cm			
AB0020884	20-30	44-66	30-40	66-88	40-50	88-110	45-55	99-121	50-60	110-132	-	-
JUNIOR CLASSIC												
REDSTER C9 JR	145 cm		155 cm		165 cm		175 cm		185 cm			
AB0020866	25-35	55-77	30-40	66-88	35-45	77-99	40-50	88-110	45-65	99-143	-	-
REDSTER C7 SKINTEC JR	128 cm		138 cm		148 cm		158 cm		168 cm		175 cm	
AB0020882	15-25	33-55	15-25	33-55	20-30	44-66	25-35	55-77	30-40	66-88	40-50	88-110
AB0020880 (NPD - not pre drilled)	-	-	-	-	-	-	-	-	-	-	-	-
PRO C1 GRIP JR	90 cm		100 cm		110 cm		120 cm		130 cm		140 cm	
AB0020906	15-30	33-66	18-33	39-72	22-37	48-81	24-39	52-85	30-45	66-99	32-47	70-103
	150 cm		160 cm		170 cm							
	34-49	74-108	36-51	79-112	38-53	83-116	-	-	-	-	-	-

SKI TECHNICAL SPECIFICATIONS

PRODUCT NAME	ART.NO.	SET NO.	SIZE	SIDECUT	CONSTRUCTION	BASE INDEX	CORE	GRIP
RACE								
REDSTER SKATE								
REDSTER S9 CARBON	AB0020840 universal soft/medium AB0020842 universal medium/hard AB0020838 universal xstiff AB0020846 plus medium/hard (white base) AB0020844 plus xstiff (white base)		173, 180, 186, 192 186, 192 192 180, 186, 192 192	41-43-43.5	Carbon Race Monocoque	BI 5000 SA + WC Grinding	Nomex Featherlight	
REDSTER S9	AB0020834 soft/medium AB0020836 medium/hard AB0020832 xstiff		173, 180, 186, 192 186, 192 192	41-43-43.5	Race + Carbon Laminate	BI 5000 SA + WC Grinding	Nomex Featherlight	
REDSTER S7	AB0020850 AB0020848 xstiff		173, 180, 186, 192 192	41-43-43.5	Race + Carbon Laminate	BI 5000 + WC Grinding	Speedcell	
REDSTER S5	AB0020852		172, 178, 184, 190	43-44-44	Race + Carbon Laminate	BI 4000 + Race Grinding	Speedcell	

REDSTER CLASSIC

REDSTER CARBON CLASSIC	AB0020808 plus medium (white base) AB0020788 universal hard AB0020786 universal medium AB0020784 universal soft AB0020792 cold medium AB0020782 cold soft		197, 202, 207 207 192, 197, 202, 207 192, 197, 202, 207 202, 207 192, 197, 202, 207	37-44-34	Carbon Race Monocoque	BI 5000 + WC Grinding	Nomex Featherlight SDS	
REDSTER C9 SKINTEC	AB0020864 AB0020862 xstiff		192, 197, 202, 207 207	37-44-34	Race + Carbon Laminate	BI 5000 SA + WC Grinding	Nomex Featherlight SDS	Skin (bonded) exchangeable
REDSTER C9	AB0020854 cold medium/hard AB0020856 cold soft/medium AB0020858 universal medium/hard AB0020860 universal soft/medium		202, 207 192, 197, 202, 207 202, 207 192, 197, 202, 207	37-44-34	Race + Carbon Laminate	BI 5000 SA + WC Grinding	Nomex Featherlight SDS	
REDSTER C7 SKINTEC	AB0020874 xstiff AB0020870 medium/hard AB0020872 soft/medium		205 184, 191, 198, 205 177, 184, 191, 198, 205	41-44-41	Race Skintec + Carbon Laminate	BI 5000 + WC Grinding	Speedcell SDS	Skin Module (Magnet)
REDSTER C7	AB0020876 AB0020878 xstiff		176, 184, 192, 200, 208 208	43-44-43	Race + Carbon Laminate	BI 5000 + WC Grinding	Speedcell SDS	
REDSTER C5	AB0020886		181, 188, 195, 202, 209	44-45-44	Race + Carbon Laminate	BI 4000 + Race Grinding	Speedcell	

SPORT

PRO SKATE

PRO S2	AB0020910		172, 178, 184, 190	43-44-44	Pro	BI 3000	Ultra High Densolite	
PRO S2 L	AB0020908		166, 172, 178, 184	43-44-44	Pro	BI 3000	Ultra High Densolite	
PRO S1	AB0020912		172, 178, 184, 190	43-44-44	Pro	BI 2000	High Densolite	
PRO CS1	AB0020916		172, 178, 184, 190	43-44-44	Pro	BI 2000	High Densolite	

PRO CLASSIC

PRO C3 SKINTEC	AB0020888 AB0020890 xstiff		176, 184, 192, 200, 208 208	43-44-43	Pro Skintec + Carbon Laminate	BI 5000 + WC Grinding	Ultra High Densolite SDS	Skin (bonded) exchangeable
PRO C3 SKINTEC L	AB0020892		176, 184, 192, 200	43-44-43	Pro Skintec + Carbon Laminate	BI 5000 + WC Grinding	Ultra High Densolite SDS	Skin (bonded) exchangeable
PRO C2 SKINTEC	AB0020900 AB0020898 xstiff		181, 188, 195, 202, 209 209	45-45-45	Pro Skintec	BI 4000 + RACE Grinding	Ultra High Densolite SDS Integral	Skin (bonded) exchangeable
PRO C2 SKINTEC L	AB0020918		181, 188, 195, 202	45-45-45	Pro Skintec	BI 4000 + RACE Grinding	Ultra High Densolite Integral	Skin (bonded) exchangeable
PRO C2	AB0020896		181, 188, 195, 202, 209	45-45-45	Pro	BI 3000	Ultra High Densolite	

SKI TECHNICAL SPECIFICATIONS

PRODUCT NAME	ART.NO.	SET NO.	SIZE	SIDECUT	CONSTRUCTION	BASE INDEX	CORE	GRIP
TOURING								
MOTION (MID SIZE)								
MOTION SKINTEC	AB0020766	ABPM00224 (+SNS Access) ABPM00194 (+Prolink Access)	174, 184, 194, 204	48-46-51	Touring 3D	BI 3000	High Densolite SDS Integral	Skin (bonded) exchangeable
MOTION SKINTEC XSTIFF	AB0020764 xstiff		204	48-46-51	Touring 3D	BI 3000	High Densolite SDS Integral	Skin (bonded) exchangeable
MOTION SKINTEC W	AB0020798		174, 184, 194	48-46-51	Touring 3D	BI 3000	High Densolite SDS Integral	Skin (bonded) exchangeable
MOTION 52 GRIP	AB0020772	ABPM00188 (+SNS Access) ABPM00226 (+Prolink Access)	177, 184, 191, 198, 205	49-47-52	Touring	BI 1500	Densolite	G2 Syncro
MOTION 52 WAX	AB0020768		177, 184, 191, 198, 205	49-47-52	Touring	BI 1500	Densolite	
MOTION 46 GRIP	AB0020776	ABPM00184 (+SNS Access) ABPM00220 (+Prolink Access)	179, 186, 193, 200, 207	46-46-46	Touring	BI 1500	Densolite	G2 Syncro

MOTION XCRISE (SHORT SIZE)

MOTION XCRISE 53 POSIGRIP	AB0020760 AB0020762 xstiff		163, 173, 183, 193 183, 193	51-48-53	Touring Xcruise 3D	BI 2000	Helium Densolite	Posigrip
MOTION XCRISE 55 GRIP	AB0020758	ABPM00190 (+SNS Access) ABPM00228 (+Prolink Access)	163, 173, 183, 193	52-49-55	Touring Xcruise	BI 1500	Densolite	G2 Syncro
MOTION XCRISE 55 GRIP W	AB0020756		163, 173, 183	52-49-55	Touring Xcruise	BI 1500	Densolite	G2 Syncro

JUNIOR

REDSTER SKATE JR

REDSTER S9 JR	AB0020868		137, 144, 151, 158, 165, 172	44-42-44	Race Junior	BI 5000 + WC Grinding	Speedcell	
REDSTER S5 JR	AB0020884		138, 148, 158, 163, 168	45-45-45	Race Junior	BI 3000	High Densolite	

RACE CLASSIC JR

REDSTER C9 JR	AB0020866		145, 155, 165, 175, 185	46-44-45	Race Junior	BI 5000 + WC Grinding	Speedcell	
REDSTER C7 SKINTEC JR	AB0020882 AB0020880 (NPD - not pre drilled)	ABPM00238 (+SNS Access) ABPM00236 (+Prolink Access)	128, 138, 148, 158, 168, 175	45-45-45	Race Junior	BI 5000 + Race Grinding	High Densolite SDS Integral	Skin (bonded) exchangeable
PRO C1 GRIP JR	AB0020906		90, 100, 110, 120, 130, 140, 150, 160, 170	49-47-52	Pro Junior	BI 1500	Densolite	G2 Syncro