

PRODUCT SUPPORT

INTERIOR SHAPE DIAGRAMS

THE IMPORTANCE OF ARAI'S 3 DIFFERENT INTERIOR SHAPES

No one pays more attention to the subtle variations and the infinite possibilities of the human head shape than Arai.

And even though we know we can never build a perfect shape for everyone, we go to the extra time and expense to make a genuine effort to offer shapes that allow more people to find a better and more comfortable fit than by simply offering one shape in every model.

This is why it's important for you to understand the different aspects of sizing as it relates to brands, models and in Arai's case - interior shapes.

UNDERSTANDING INTERIOR SHAPES

After many, many years of listening to riders, we have found that helmet satisfaction starts with understanding helmets. Most importantly, understanding how proper fit affects helmet performance during everyday riding, and how that comfort extends to the helmet's interior shape. This is why Arai has gone to the considerable effort to design, create, and offer three different interior shapes. (Arai does not believe that all-day comfort can be achieved by trying to stuff every different head shape into a single helmet interior shape.)

In order to offer the most comfort, a helmet interior must fit snugly around the entire head contour. (This is partly determined by firm, even pressure at all contact points, and without pressure points that could become uncomfortable in the future). A previous helmet of the same brand, model and size - even if an Arai - may not offer the same fit as a current model or size because the evolution of design and use of new materials can affect the final design and shape. (For example, such advances and refinements have made the interior shapes of our new RX-7 Corsair and Quantum-2 models able to fit more riders than their immediate predecessors, the RX-7 RR4 and Quantum/f.)

Attention must also be paid to the fit of the model's shape around the crown of your head - and not with facial fit. (The part that is contacted by a baseball cap's band, for example, is the crown) Cheek pads in all Arai helmets can be replaced with a size that better suits your facial structure, so the possible need for different cheek pads should only be addressed after the crown is properly sized. All too often, tight OEM cheek pads will result in purchasing a helmet one or even two sizes too big - in effect sizing the face and not the head! The end result will be a loose and noisy helmet, as described above. (Riders with a strong jaw or full cheeks should first remove the cheekpads completely in order to not be distracted in determining crown fit.)

DETERMINING YOUR INTERIOR SHAPE

How can you determine which of Arai's three interior shapes is best suited for you? In general, our interiors for the North American markets have an oval shape orientation (somewhat longer front-to-back and a little narrow from side-to-side) because that is the shape that tends to fit most of us. Our different models then vary slightly based on that general Oval shape to accommodate a much wider fit range.

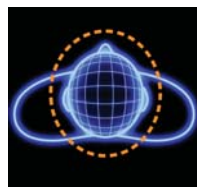


LONG OVAL

(Very long front-to-back, very narrow side-to-side). On this end of the scale, we have the new Profile model, offering additional forehead room for those who find that most helmets have pressure points in the forehead.

LONG OVAL HELMET MODELS

PROFILE SERIES
SIGNET SERIES

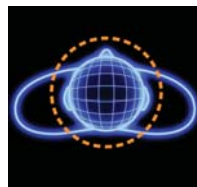


INTERMEDIATE OVAL

(Shorter front-to-back and a little wider side-to-side than the Long Oval). This next fit package begins the shift from oblong to round shape.

INTERMEDIATE OVAL HELMET MODELS

RX-7 SERIES
CLASSIC SERIES
SZ/m
SZ/RAM SERIES
VX-PRO SERIES
XD SERIES
VECTOR SERIES



ROUND OVAL

(Even a little shorter front-to-back. A little wider side-to-side). This next fit package is represented by our Quantum-2 model.

ROUND OVAL HELMET MODELS

QUANTUM SERIES



SINCE 1937

EXPERIENCE
MAKES THE DIFFERENCE

PRODUCT SUPPORT

HELMET SIZING SPECIFICATIONS

SIZE SELECTION

SIZE	XXXS	XXS	XS	S	M	L	X	XXL	XXXL	SHELL SHAPE*
QUANTUM SERIES	●	●	●	●	●	●	●	●	●	R / O
ASTRAL SERIES			●	●	●	●	●	●	●	R / O
PROFILE SERIES			●	●	●	●	●	●	●	L/O
SIGNET SERIES			●	●	●	●	●	●	●	L/O
RX-7 SERIES			●	●	●	●	●	●	●	I/O
VECTOR			●	●	●	●	●	●	●	I/O
CLASSIC SERIES			●	●	●	●	●	●	●	I/O
SZ/m			●	●	●	●	●	●	●	I/O
SZ/RAM SERIES			●	●	●	●	●	●	●	I/O
VX-PRO SERIES			●	●	●	●	●	●	●	I/O
XD			●	●	●	●	●	●	●	I/O

COMPARISON (HEAD CIRCUMFERENCE)

XXXS	(49-50 CM)	L	(59-60 CM)
XXS	(51-52 CM)	XL	(61-62 CM)
XS	(53-54 CM)	XXL	(63-64 CM)
S	(55-56 CM)	XXXL	(65-66 CM)
M	(57-58 CM)		

Note that head circumference measurements should be used only as a starting point to determine your helmet size. Final judgment should follow actual test fitting of one or more of Arai's various interior fit packages to determine the best possible fit "for you"!

INTERIOR COMFORT LINING THICKNESS*

HELMET	CHEEKPADS									EAR CUP		
	RX-7 SERIES	QUANTUM SERIES	ASTRAL SERIES	** VECTOR SERIES	SIGNET SERIES	VX-PRO	MXC-PRO	XD	PROFILE	CLASSIC/m	SZ/m	SZ/RAM III
Optional	40mm	40mm	-	-	35mm	35mm	40mm	35mm	40mm	-	-	-
XXXS	-	35mm	-	-	-	-	-	-	-	-	-	-
XXS	-	30mm	-	-	-	-	-	-	-	-	-	-
XSM Std	35mm	35mm	35mm	35mm	30mm	30mm	35mm	30mm	35mm	30mm	35mm	35mm
SML Std	30mm	30mm	30mm	30mm	25mm	25mm	35mm	25mm	30mm	25mm	30mm	30mm
MED Std	30mm	30mm	30mm	30mm	25mm	25mm	35mm	25mm	30mm	25mm	30mm	30mm
LGE Std	25mm	25mm	25mm	25mm	20mm	20mm	30mm	20mm	25mm	20mm	25mm	25mm
XLG Std	25mm	25mm	25mm	25mm	20mm	20mm	30mm	20mm	25mm	20mm	25mm	25mm
XXL Std	20mm	20mm	20mm	20mm	15mm	15mm	25mm	15mm	20mm	15mm	20mm	20mm
XXXL Std	-	-	-	-	15mm	-	-	-	-	15mm	20mm	-
Optional	15mm	15mm	15mm	15mm	12mm	12mm	20mm	12mm	15mm	-	15mm	15mm
Optional	12mm	12mm	12mm	12mm	-	-	15mm	-	12mm	-	-	-

* Current size applications. However, note that changes and updates can affect the standard pad-thickness supplied with your helmet.

** The Vector model uses a unique cheekpad style. This cheekpad is exclusive to the Vector.



All Arai Helmets meet or exceed Snell and D.O.T. standards

INTERIOR LINING THICKNESS

RX-7 SERIES / PRO SERIES / XD / SZ/RAM II / SIGNET-GTR / QUANTUM II / PROFILE

STANDARD SIZE = ● OPTIONAL SIZE = ○

Lining Code	Helmet Size	12mm	10mm	7mm	5mm
I	XXXS	○	●	○	○
	XXS	○	○	●	○
II	XS	○	●	○	○
	S	○	○	●	○
III	M	○	●	○	○
	L	○	○	●	○
IV	XL	○	○	●	○
	XXL	○	○	○	●
V	XXXL	○	○	●	○

Like our optional Removable / Replaceable Cheekpads that allow you to more custom-fit your Arai, we offer the same option on above models with Removable Liners.

NOTE: When ordering an optional Liner of a different size, you must order the same Lining Code that comes in your helmet, and then specify the desired thickness. For example, if you desire an optional 5mm liner for a "Large" helmet, you must specify an "III-5mm" liner.