



PRODUCT CATALOG 2023

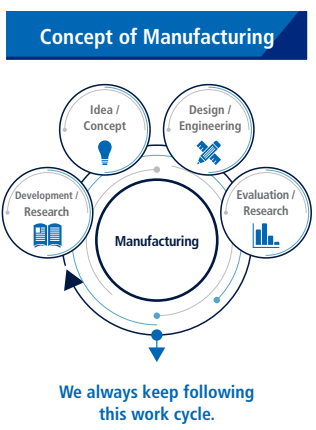
FOR AMERICAS, EUROPE & OCEANIA

NIPPON SIGMAX CO., LTD.

Web : <https://zamst.com>



Zamst is a brand of braces, supports, and care products for athletes, created in 1993 by Nippon Sigmoid Co., Ltd., a Japanese medical device manufacturer who has been developing and manufacturing products for the orthopedics field for half a century. Our mission is always to offer products and services that will help prevent injuries and improve athletic performance by incorporating the knowledge and advice of sports medicine physicians, athletic trainers, and other professionals and listening to athletes' voices. Quality and functionality are the reasons why many top athletes, both professional and amateur, use our products.



Product Development

We always strive to catch up the latest study results from all over the world and utilize the knowledge for our product ideas. Comments and opinions from sports physicians and athletic trainers give us useful hints to our product development.

Design

We have skills and technology to precisely measure the human bodies and utilize the product designs. We conduct product design thoroughly dedicated to the skills and technology in order to realize proper fit to three-dimensional body.

Material Selection and Evaluation

We carry out thorough material testing to seek material characteristics that can fulfill required function. In addition, we have various kinds of in-house quality evaluation equipment.

Product Evaluation

We verify the functions to see how our products affect the movement of human body with various kinds of functional test equipment. We are exploring the products that can truly provide maximum effect.

Field Evaluation

We carry out field evaluation on usability, fitting and durability with sports players.

Corporate Efforts

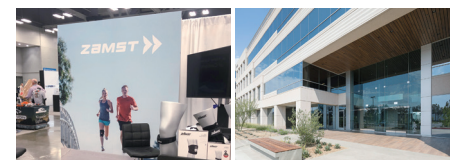
Aiming to become a world-class company and deliver excellent products

We expand our know-hows cultivated in Japan to overseas countries. We always strive to support athletes' training, competition, and challenges as much as possible by delivering products with world-class quality and functionality.

Global networks help us gather information and proactively offer superior products faster than others while playing important roles in marketing, product development, and manufacturing sites.

SIGMAX AMERICA, Inc. USA

Based in California, Sigmoid America promotes business activities in North and South America.



Sigmoid (Huzhou) Medical Co., Ltd. CHINA

Located in Huzhou, Zhejiang province, Sigmoid (Huzhou) manufactures Sigmoid products. In addition, the Shanghai branch promotes business activities in China.



ZAMST PARTNERS

Zamst supports athletes and teams who always keep challenging the limit.

ATHLETE



Trae Young (Basketball)

"The ankle braces with Zamst made my game - and just the day that I joined the court - a lot easier, a lot stress-free of injury. That's something detrimental to me. I think it's important for athletes to take care of their bodies, especially basketball players and ankles, and Zamst ankle braces made it possible for me to play that way and play like that, so I think that they can help the next person."



Trae Young is using A2-DX



Wilfredo León (Volleyball)

"I believe the injury prevention is the key for the best performance. I noticed it since I had some minor injuries throughout my careers. I'm trying many different Zamst products and I feel perfect with all of them!"



Wilfredo León is using ZK-7



Yuji Nishida (Volleyball)

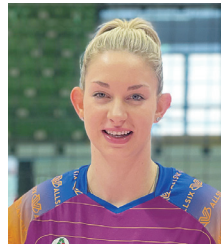
"I found the Zamst Arm Sleeve to be comfortable, and I noticed that a little compression on my muscles helped me to perform better. Now, wearing arm sleeves for a game is something I do without even thinking about it."



Yuji Nishida is using Arm Sleeves



Jan Nowakowski (Volleyball)



Magdalena Stysiak (Volleyball)



Britt Bongaerts (Volleyball)



Bartłomiej Mróz (Para Badminton)

TEAM



Sir Safety Susa Perugia (Men's Italian volleyball club from Perugia, Umbria)

FEDERATION/ ASSOCIATION /LEAGUE



JVA (Japan Volleyball Association)



WJBL (Women's Japan Basketball League)



FFVolley (French Volley Federation)



FFBB (French Federation of Basketball)

Supports	Ankle	A1	P 6
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		FILMISTA ANKLE	P 6
	Knee	FILMISTA KNEE	P 7
		RK-1 Plus	P 7
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		JK-1	P 8
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Supports	Lower Back	ZW-5	P 11
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Supports	Elbow & Shoulder	Elbow Band	P 12
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Ankle



Easy to apply design provides a balance of support and comfort

MODERATE

A1

Antimicrobial deodorant

*Left / Right specific

Size	Shoe size		Shoe size
	US	EU	
S	5 - 7.5	6 - 8.5	37 - 40
M	8 - 10.5	9 - 11.5	40 - 44
L	11 - 13.5	12 - 14.5	44 - 47
XL	14 - 16.5	15 - 17.5	47 - 52

Provides strongest support for the ankle without limiting mobility

STRONG

A2-DX

Antimicrobial deodorant

*Left / Right specific

Size	Shoe size		Shoe size
	US	EU	
S	5 - 7.5	6 - 8.5	37 - 40
M	8 - 10.5	9 - 11.5	40 - 44
L	11 - 13.5	12 - 14.5	44 - 47
XL	14 - 16.5	15 - 17.5	47 - 52



White

How to select Ankle supports

Choose a size based on your shoe size. If your measurement falls between two sizes, choose the larger one.



Ultra-thin ankle brace providing long lasting support with maximum comfort

LIGHT

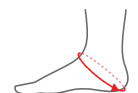
FILMISTA ANKLE

*Left / Right specific

Size	Heel circumference / cm	Heel circumference / inches
S	27 - 30	10.5 - 11.75
M	30 - 33	11.75 - 13
L	33 - 36	13 - 14
XL	36 - 39	14 - 15.25

How to select FILMISTA ANKLE

Measure the circumference of the heel. If your measurement falls between two sizes, choose the larger one.





Ultra-thin knee brace providing long lasting support for patellar tendinitis with maximum comfort

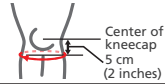
for **RUNNING**

FILMISTA
フィルムスタ ニー KNEE

Size	cm	inches
S	31 - 34	12.25 - 13.25
M	34 - 37	13.25 - 14.5
L	37 - 40	14.5 - 15.75

How to select FILMISTA KNEE

Measure the circumference of the calf 5 cm (2 inches) below the center of the kneecap. If your measurement falls between two sizes, choose the larger one.



For problems of the knee during running **RK series**



Unique functional knee brace which helps to alleviate pain on the outside of the knee caused from IT Band Syndrome

for **RUNNING**

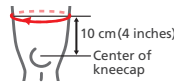
RK-1 Plus

*Left / Right specific

Size	cm	inches
XS	36 - 39	14 - 15.25
S	39 - 42	15.25 - 16.5
M	42 - 45	16.5 - 17.5
L	45 - 48	17.5 - 19
XL	48 - 51	19 - 20

How to select RK-1 Plus

Measure the circumference of the thigh 10 cm (4 inches) above the center of the kneecap. If your measurement falls between two sizes, choose the larger one.



For problems around the kneecap **JK series**



Provides sufficient and comfortable pressure to the patellar tendon to relieve pain

LIGHT

JK Band

Size	cm	inches
XS	24 - 30	9.5 - 11.75
S	30 - 36	11.75 - 14.25
M	36 - 42	14.25 - 16.5
L	42 - 48	16.5 - 19
XL	48 - 54	19 - 21.25



Provides support and compression to alleviate Osgood-Schlatter disease and pain around the kneecap

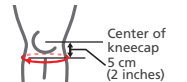
MODERATE

JK-1

Size	cm	inches
XS	29 - 32	11 - 12.5
S	32 - 35	12.5 - 13.75
M	35 - 39	13.75 - 15.25
L	39 - 43	15.25 - 17

How to select JK Band and JK-1

Measure the circumference of the calf 5 cm (2 inches) below the center of the kneecap. If your measurement falls between two sizes, choose the larger one.



Designed to relieve pain around the patella caused from repetitive jumping actions

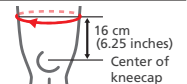
MODERATE

JK-2

Size	cm	inches
S	43 - 46	17 - 18.25
M	46 - 49	18.25 - 19.25
L	49 - 52	19.25 - 20.5
XL	52 - 55	20.5 - 21.75
2XL	55 - 58	21.75 - 23

How to select JK-2

Measure the circumference of the thigh 16 cm (6.25 inches) above the center of the kneecap. If your measurement falls between two sizes, choose the larger one.



Dedicated to support level and comfort fit *EK series*

For support around the entire knee *ZK series*



Lightweight and comfortable knee brace which provides light support and compression

LIGHT

EK-1

Size	cm	inches
S	40 - 44	15.75 - 17.25
M	44 - 48	17.25 - 19
L	48 - 52	19 - 20.5
XL	52 - 56	20.5 - 22



Comfortable knee brace providing strong support for knee ligaments

STRONG

ZK-7

Size	cm	inches
S	43 - 46	17 - 18
M	46 - 49	18 - 19.25
L	49 - 52	19.25 - 20.5
XL	52 - 55	20.5 - 21.75
2XL	55 - 60	21.75 - 23.5
3XL	60 - 65	23.5 - 25.5
4XL	65 - 70	25.5 - 27.5



Lightweight and comfortable knee brace with a resin stay support system and compression

LIGHT

EK-3

Size	cm	inches
S	40 - 44	15.75 - 17.25
M	44 - 48	17.25 - 19
L	48 - 52	19 - 20.5
XL	52 - 56	20.5 - 22



Hinged knee brace providing extra strong support for knee ligaments

EXTRA STRONG

ZK-X

Size	cm	inches
S	43 - 46	17 - 18
M	46 - 49	18 - 19.25
L	49 - 52	19.25 - 20.5
XL	52 - 55	20.5 - 21.75
2XL	55 - 60	21.75 - 23.5
3XL	60 - 65	23.5 - 25.5
4XL	65 - 70	25.5 - 27.5



Comfortable knee brace providing moderate support with a resin stay support system, quads straps, and compression

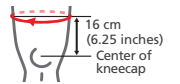
MODERATE

EK-5

Size	cm	inches
S	40 - 44	15.75 - 17.25
M	44 - 48	17.25 - 19
L	48 - 52	19 - 20.5
XL	52 - 56	20.5 - 22

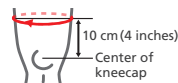
How to select ZK series

Measure the circumference of the thigh 16 cm (6.25 inches) above the center of the kneecap. If your measurement falls between two sizes, choose the larger one.



How to select EK series

Measure the circumference of the thigh 10 cm (4 inches) above the center of the kneecap. If your measurement falls between two sizes, choose the larger one.



Lower back



Lower back brace with a perfect balance of support and mobility

MODERATE

ZW-5

Size	cm	inches
XS	65 - 75	25.5 - 29.5
S	75 - 85	29.5 - 33.5
M	85 - 95	33.5 - 37.5
L	95 - 105	37.5 - 41.25
XL	105 - 115	41.25 - 45.25
2XL	115 - 125	45.25 - 49.25



Lower back brace with a strong support and comfortable fit

STRONG

ZW-7

Size	cm	inches
XS	65 - 75	25.5 - 29.5
S	75 - 85	29.5 - 33.5
M	85 - 95	33.5 - 37.5
L	95 - 105	37.5 - 41.25
XL	105 - 115	41.25 - 45.25
2XL	115 - 125	45.25 - 49.25

How to select ZW series

Measure the circumference of your waist at the navel. If your measurement falls between two sizes, choose the larger one.



Elbow



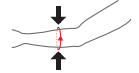
Precise and comfortable elbow brace to help relieve common pain from tendonitis

Elbow Band

Size	cm	inches
S	20 - 26	7.75 - 10.25
M	26 - 31	10.25 - 12.25
L	31 - 36	12.25 - 14.25

How to select Elbow Band

Measure the circumference of the forearm at the widest part. If your measurement falls between two sizes, choose the larger one.



Shoulder



Provides light, dynamic stabilization and broad compression support for the rotator cuff muscles

MODERATE

Shoulder Wrap

Size	cm	inches
M	34 - 41	13.25 - 16
L	41 - 48	16 - 18.75
XL	48 - 55	18.75 - 21.5

How to select Shoulder Wrap

Measure the circumference of the arm at the shoulder joint. If your measurement falls between two sizes, choose the larger one.



Finger



Stabilizes the thumb using a moldable insert to provide custom fit and support

MODERATE

Thumb Guard

Size		cm	inches
S	a	8 - 9.5	3.25 - 3.75
	b	13 - 17	5 - 6.75
M	a	9.5 - 13	3.75 - 5
	b	16 - 20	6.25 - 7.75
L	a	13 - 15	5 - 6
	b	19 - 23	7.5 - 9

How to select Thumb Guard

Measure the distance from the first thumb joint to the base of the wrist and the circumference of the wrist. If your two measurements do not match the proposed combination, choose your size based on your wrist measurement.



a: Thumb Length
b: Wrist Circumference



Provides moderate support to stabilize the wrist joint by offering compression and support to the carpal bones

MODERATE

Wrist Band

Size	cm	inches
S	13 - 17	5 - 6.75
M	17 - 21	6.75 - 8.25



Ultra-thin wrist brace providing long lasting support with maximum support

MODERATE

FILMISTA
フィルムスタ WRIST

Size	cm	inches
S	13 - 17	5 - 6.75
M	17 - 21	6.75 - 8.25

How to Select Wrist Band and FILMISTA WRIST

Measure the circumference of the wrist at the narrowest part. If your measurement falls between two sizes, choose the one you like best based on its width.



Portable and reusable ice bag which is easy to carry around and can be used to ice any body part

Ice Bag

* Not Available In Canada

Size	Diameter of cap	
	cm	inches
S	15	6
M	23	9
L	26	10.5



A unique strap system which allows for easy and effective icing for different body parts

IW-1 Set

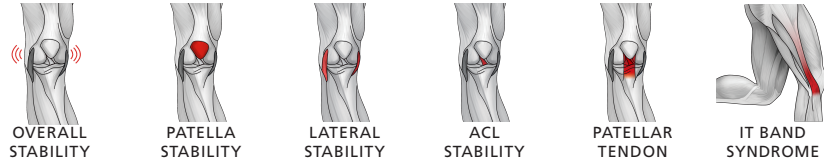
* Not Available In Canada

One medium-sized Zamst Ice Bag included.

INJURY CHARTS

KNEE

*The figures show the right leg, viewed from the front.



	OVERALL STABILITY	PATELLA STABILITY	LATERAL STABILITY	ACL STABILITY	PATELLAR TENDON	IT BAND SYNDROME
ZK-X	■	■	■	■		
ZK-7	■	■	■	■		
EK-5	■	■	■			
EK-3	■	■	■			
EK-1	■	■				
RK-1 Plus	■					■
JK-2	■	■			■	
JK-1	■	■			■	
FILMISTA KNEE	■	■			■	
JK BAND					■	

FOR RUNNING

ANKLE

*The figures show the right ankle, viewed from the front.



	OVERALL STABILITY	INVERSION SPRAIN	EVERSION SPRAIN	ACHILLES TENDON
A2-DX	■	■	■	
A1	■	■		
FILMISTA ANKLE	■	■		

Major ankle injuries



Inversion sprain

Swelling and/or pain appear around the lateral malleolus. It accounts for 90% of ankle sprains, which often occur not only during sports but also in daily life.

Cause

It is caused by extreme twisting of the outer side of the foot to inner side, for example when stepping on, lateral ligament is strained and damaged by the weight pushed outward.



Eversion sprain

Swelling and/or pain appear around the medial malleolus. It accounts for only 10% of ankle sprains.

Cause

It is caused by extreme twisting of the inner side of the foot to outer side, for example when stepping on, medial ligament is stretched to cause damage. Since a medial ligament is made very strong, it results to complex and severe injuries such as fractures and delamination in most cases.