L&R USA INC.

SOLARIS

Exo™

Solaris Collection
by L&R USA INC.

Off-the-Shelf Gradient Compression Garments

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Customer Service

L&R's Customer Service Team is available to assist you from 7 AM to 7 PM Central, Monday through Friday.

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Exo™

Solaris Collection
by L&R USA INC.

Exo™ garments provide a full range of ready-to-wear solutions for your patients' unique needs. From ExoStrong™ ready-to-wear flat-knit garments for maximum containment to ExoFusion™ for focused compression over the foot, there's an Exo for everyone.

Why Choose Exo?

- Like all of our ready-to-wear garments, all Exo orders placed before 5pm Central ship the same day.
- Exo garments are easy to care for — machine wash and dry with a normal load of laundry.
- Exo is a complete line of ready-to-wear flat-knit garments which cost a fraction of custom daywear.
- Choose the style and structure that best accommodates your patients' unique needs.
- Based on feedback from our customers, we've updated the target compression on ExoStrong garments. It still provides your customers with 20 – 30 mmHg, but now it will be easier for them to don.
- ExoSoft™ arm sleeves were the highest-rated circular-knit products by therapists and DMEs in single blind evaluation*.

*Visit **solarismed.com/exo_comparison** to see the full results.*

	ExoStrong™	ExoSoft™
Description	Ready-to-wear flat-knit garments that provide maximum containment while remaining comfortable - ***all for a fraction of the cost of custom daywear***.	Circular-knit garments that provide comfortable gradient compression with excellent breathability.
Containment Level	●●● High	●●○ Moderate
Available Compression Levels	20 – 30 mmHg	15 – 20 mmHg *(LE Only)* 20 – 30 mmHg
Color Options	Black Beige	Black Beige
Knit Structure	Flat-knit	Circular-knit
Available Styles	**Arm Sleeve** UE-CG Sold Individually *Knit or Silicone Top* **Glove** UE-AC Sold Individually *DIPs to Wrist,* *PIPs to Wrist, or* *MCPs to Wrist* **Gauntlet** UE-BC Sold Individually **Thigh High** LE-AG Sold Individually *Open Toe only* *Silicone Top only* **Below Knee** LE-AD Sold Individually *Open Toe only* *Knit or Silicone Top*	**Arm Sleeve** UE-CG Sold Individually *Knit or Silicone Top* **Glove** UE-AC Sold Individually *DIPs to Wrist,* *PIPs to Wrist, or* *MCPs to Wrist* **Gauntlet** UE-BC Sold Individually **Thigh High** LE-AG Sold in Pairs *Closed Toe only* *Silicone Top only* **Below Knee** LE-AD Sold in Pairs *Open or Closed Toe* *Knit Top only*

ExoSheer™

Discreet, sheer fabric offers efficient gradient compression and maximum breathability.

●○○ Low

8 – 15 mmHg
15 – 20 mmHg
20 – 30 mmHg

Black Beige

Circular-knit

Thigh High
LE-AG
Sold in Pairs
Closed Toe only
Silicone Top only

Below Knee
LE-AD
Sold in Pairs
Open or Closed Toe
(8 - 15 mmHg Closed only)
Knit Top only

ExoFusion™

A comfortable sock that provides focused compression over the foot, making it easier to don than traditional stockings.

●●○ Moderate *(Over Foot)*

20 – 30 mmHg *(Over Foot)*

Black

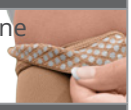
Circular-knit

Below Knee
LE-AD
Sold in Pairs
Closed Toe only

ExoStrong™ Arm Sleeve 54-221

A ready-to-wear arm sleeve designed for maximum support, comfort, and durability from the wrist to the axilla.

- Designed with a functional bend at the elbow for improved comfort and range of motion.
- Flat-knit structure provides maximum containment while remaining flexible.
- Durable material helps resist snags and runs.
- Made with fibers that combine a soft, tactile feel with moisture wicking and temperature control.

Options		
Colors		
Beige	Black	
Proximal Options		
Knit Top	Silicone Top 	
Compression		
20 - 30 *mmHg*		

Pictured:
Quarter Finger
MCPs to Wrist

ExoStrong™ Glove / Gauntlet 54-203 / 54-211

A comfortable, off-the-shelf glove / gauntlet that provides maximum containment.

- Updated design naturally contours the hand.
- Flat, reinforced edges help reduce irritation and rolling.
- Tapered wrist design works in tandem with UE-CG garments to provide full arm coverage.
- Gusseted web spaces provide flexibility while maintaining containment.
- Made with fibers that combine a soft, tactile feel with moisture wicking and temperature control.

Options	
Colors	
Beige	Black
Compression	
20 - 30 *mmHg*	
Available Styles	
Full Finger Glove DIPs to Wrist	
Half Finger Glove PIPs to Wrist	
Quarter Finger Glove MCPs to Wrist	
Gauntlet MCPs to Wrist	

ExoStrong™

Upper Extremity Size Chart

See page 18 for more info on how to determine Item / SKU codes for Exo™ garments.

ExoStrong™ Arm Sleeve 54-221

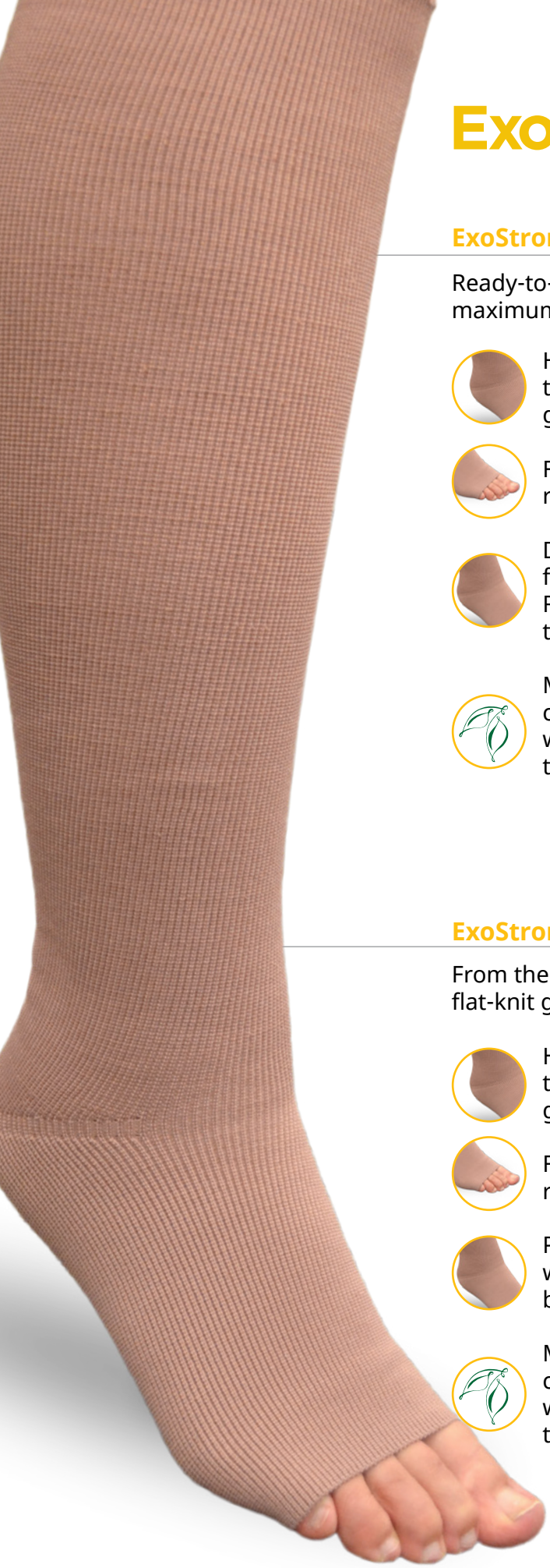
All sizes in centimeters

Short	**Arm Length:** up to 43			
Description	**Wrist Girth**	**Elbow Girth**	**Upper Arm Girth**	**Item Code**
Small	15 - 17	24 - 27	27 - 30	54-221-44-XX-30X0
Medium	17 - 19	27 - 31	31 - 35	54-221-45-XX-30X0
Large	20 - 22	31 - 35	35 - 40	54-221-46-XX-30X0
X-Large	23 - 25	36 - 41	40 - 45	54-221-47-XX-30X0
Average	**Arm Length:** up to 46			
Description	**Wrist Girth**	**Elbow Girth**	**Upper Arm Girth**	**Item Code**
Small	15 - 17	24 - 27	27 - 30	54-221-54-XX-30X0
Medium	17 - 19	27 - 31	31 - 35	54-221-55-XX-30X0
Large	20 - 22	31 - 35	35 - 40	54-221-56-XX-30X0
X-Large	23 - 25	36 - 41	40 - 45	54-221-57-XX-30X0
Tall	**Arm Length:** up to 49			
Description	**Wrist Girth**	**Elbow Girth**	**Upper Arm Girth**	**Item Code**
Small	15 - 17	24 - 27	27 - 30	54-221-64-XX-30X0
Medium	17 - 19	27 - 31	31 - 35	54-221-65-XX-30X0
Large	20 - 22	31 - 35	35 - 40	54-221-66-XX-30X0
X-Large	23 - 25	36 - 41	40 - 45	54-221-67-XX-30X0

ExoStrong™ Glove / Gauntlet 54-203 / 54-211

All sizes in centimeters

Glove / Gauntlet	**Length:** N/A		
Description	**Palm Girth**	**Wrist Girth**	**Item Code**
Small	17 - 19	15 - 17	54-2XX-54-XX-3X00
Medium	19 - 21	17 - 19	54-2XX-55-XX-3X00
Large	22 - 24	20 - 22	54-2XX-56-XX-3X00
X-Large	25 - 27	23 - 25	54-2XX-57-XX-3X00



ExoStrong™ Lower Extremity Garments

ExoStrong™ Thigh High 54-107

Ready-to-wear gradient compression flat-knit garments provide maximum containment from the MTP to the groin.

Heel seam provides an anatomical fit and helps ensure garment is donned properly.

Flat, reinforced edges help reduce irritation and rolling.

Designed for a comfortable fit while standing to increase ROM and prevent bulking at the ankle.

Made with fibers that combine a soft, tactile feel with moisture wicking and temperature control.

Options	
Colors	
Beige	Black
Distal Option	
	Open Toe
Proximal Option	
	Silicone Top
Compression	
20 - 30 *mmHg*	

ExoStrong™ Below Knee 54-104

From the MTP to just below the knee bend, these ready-to-wear flat-knit garments offer maximum containment.

Heel seam provides an anatomical fit and helps ensure garment is donned properly.

Flat, reinforced edges help reduce irritation and rolling.

Provides a comfortable fit while standing and prevents bulking at the ankle.

Made with fibers that combine a soft, tactile feel with moisture wicking and temperature control.

Options		
Colors		
Beige	Black	
Distal Option		
	Open Toe	
Proximal Options		
	Knit Top	Silicone Top
Compression		
20 - 30 *mmHg*		

ExoStrong™

Lower Extremity Size Chart

See page 18 for more info on how to determine Item / SKU codes for Exo™ garments.

ExoStrong™ Thigh High 54-107

All sizes in centimeters

Short	**Foot Length:** up to 17	**Thigh Length:** up to 71		
Description	**Ankle Girth**	**Calf Girth**	**Thigh Girth**	**Item Code**
Small	18 - 20	27 - 36	41 - 55	54-107-44-XX-3220
Medium	20 - 24	29 - 39	45 - 61	54-107-45-XX-3220
Large	24 - 28	32 - 43	50 - 66	54-107-46-XX-3220
X-Large	28 - 31	33 - 45	56 - 71	54-107-47-XX-3220
XX-Large	32 - 34	37 - 50	66 - 81	54-107-48-XX-3220
Average	**Foot Length:** up to 19	**Thigh Length:** up to 74		
Description	**Ankle Girth**	**Calf Girth**	**Thigh Girth**	**Item Code**
Small	18 - 20	27 - 36	41 - 55	54-107-54-XX-3220
Medium	20 - 24	29 - 39	45 - 61	54-107-55-XX-3220
Large	24 - 28	32 - 43	50 - 66	54-107-56-XX-3220
X-Large	28 - 31	33 - 45	56 - 71	54-107-57-XX-3220
XX-Large	32 - 34	37 - 50	66 - 81	54-107-58-XX-3220
Tall	**Foot Length:** up to 22	**Thigh Length:** up to 77		
Description	**Ankle Girth**	**Calf Girth**	**Thigh Girth**	**Item Code**
Small	18 - 20	27 - 36	41 - 55	54-107-64-XX-3220
Medium	20 - 24	29 - 39	45 - 61	54-107-65-XX-3220
Large	24 - 28	32 - 43	50 - 66	54-107-66-XX-3220
X-Large	28 - 31	33 - 45	56 - 71	54-107-67-XX-3220
XX-Large	32 - 34	37 - 50	66 - 81	54-107-68-XX-3220

ExoStrong™ Below Knee 54-104

All sizes in centimeters

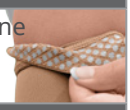
Short	**Foot Length:** up to 17	**Calf Length:** up to 38	
Description	**Ankle Girth**	**Calf Girth**	**Item Code**
Small	18 - 20	27 - 36	54-104-44-XX-32X0
Medium	20 - 24	29 - 39	54-104-45-XX-32X0
Large	24 - 28	32 - 43	54-104-46-XX-32X0
X-Large	28 - 31	33 - 45	54-104-47-XX-32X0
XX-Large	32 - 34	37 - 50	54-104-48-XX-32X0
Average	**Foot Length:** up to 19	**Calf Length:** up to 41	
Description	**Ankle Girth**	**Calf Girth**	**Item Code**
Small	18 - 20	27 - 36	54-104-54-XX-32X0
Medium	20 - 24	29 - 39	54-104-55-XX-32X0
Large	24 - 28	32 - 43	54-104-56-XX-32X0
X-Large	28 - 31	33 - 45	54-104-57-XX-32X0
XX-Large	32 - 34	37 - 50	54-104-58-XX-32X0
Tall	**Foot Length:** up to 22	**Calf Length:** up to 44	
Description	**Ankle Girth**	**Calf Girth**	**Item Code**
Small	18 - 20	27 - 36	54-104-64-XX-32X0
Medium	20 - 24	29 - 39	54-104-65-XX-32X0
Large	24 - 28	32 - 43	54-104-66-XX-32X0
X-Large	28 - 31	33 - 45	54-104-67-XX-32X0
XX-Large	32 - 34	37 - 50	54-104-68-XX-32X0

ExoSoft™ Upper Extremity Garments

ExoSoft™ Arm Sleeve 53-221

This ***#1 rated*** circular-knit arm sleeve provides comfortable gradient compression and moderate containment.

- Highest rated arm sleeve by therapists and DMEs in single blind trials.
- Wide bands at the wrist and axilla help the sleeve stay in place and resist rolling.
- Microfiber materials are comfortable and breathable while still providing containment for mild to moderate edema.
- Soft and smooth materials are easier for patients to don.

Options	
Colors	
Beige	Black
Proximal Options	
Knit Top	Silicone Top 
Compression	
20 - 30 *mmHg*	

Pictured:
Quarter Finger
MCPs to Wrist

ExoSoft™ Glove / Gauntlet 53-203 / 53-211

ExoSoft™ gloves / gauntlet are the ideal balance of comfort, containment, and breathability. It's so soft you have to try it to believe it!

- Updated design naturally contours the hand.
- Tapered wrist works with UE-CG garments to provide full arm coverage.
- Lightweight microfiber fabric helps keep patients cool, dry, and comfortable.
- Flat, reinforced edges help reduce irritation and rolling.
- Gusseted web spaces provide flexibility while maintaining containment.

Options	
Colors	
Beige	Black
Compression	
20 - 30 *mmHg*	
Available Styles	
Full Finger Glove DIPs to Wrist	
Half Finger Glove PIPs to Wrist	
Quarter Finger Glove MCPs to Wrist	
Gauntlet MCPs to Wrist	

ExoSoft™

Upper Extremity Size Chart

See page 18 for more info on how to determine Item / SKU codes for Exo™ garments.

ExoSoft™ Arm Sleeve 53-221

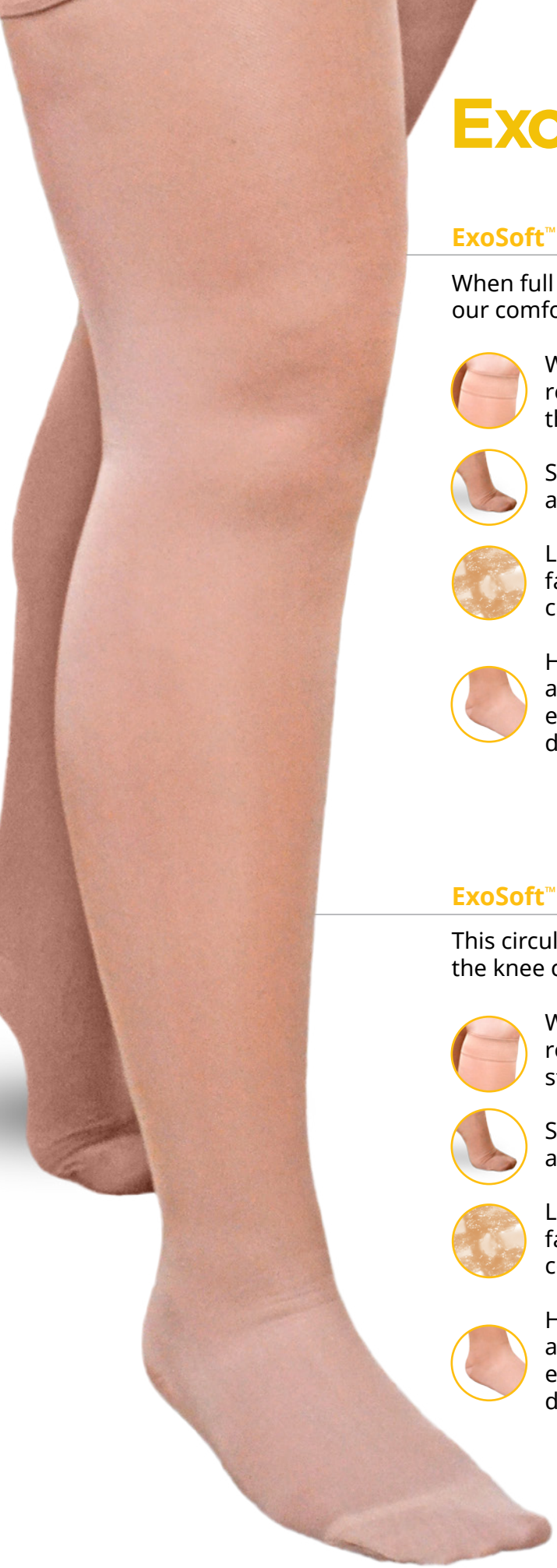
All sizes in centimeters

Short	**Arm Length:** less than 43			
Description	**Wrist Girth**	**Elbow Girth**	**Upper Arm Girth**	**Item Code**
Small	15 - 17	24 - 27	27 - 30	53-221-44-XX-30X0
Medium	17 - 19	27 - 31	31 - 35	53-221-45-XX-30X0
Large	20 - 22	31 - 35	35 - 40	53-221-46-XX-30X0
X-Large	23 - 25	36 - 41	40 - 45	53-221-47-XX-30X0
Tall	**Arm Length:** more than 43			
Description	**Wrist Girth**	**Elbow Girth**	**Upper Arm Girth**	**Item Code**
Small	15 - 17	24 - 27	27 - 30	53-221-64-XX-30X0
Medium	17 - 19	27 - 31	31 - 35	53-221-65-XX-30X0
Large	20 - 22	31 - 35	35 - 40	53-221-66-XX-30X0
X-Large	23 - 25	36 - 41	40 - 45	53-221-67-XX-30X0

ExoSoft™ Glove / Gauntlet 53-203 / 53-211

All sizes in centimeters

Glove / Gauntlet	**Length:** N/A		
Description	**Palm Girth**	**Wrist Girth**	**Item Code**
Small	17 - 19	15 - 17	53-2XX-54-XX-3X00
Medium	19 - 21	17 - 19	53-2XX-55-XX-3X00
Large	22 - 24	20 - 22	53-2XX-56-XX-3X00
X-Large	25 - 27	23 - 25	53-2XX-57-XX-3X00



ExoSoft™ Lower Extremity Garments

ExoSoft™ Thigh High 53-107

When full leg coverage is needed, look no further than our comfortable ExoSoft™ Thigh High.

- Wide silicone bands help reduce rolling and keep the stocking in place.
- Soft and smooth materials are easier for patients to don.
- Lightweight microfiber fabric helps keep patients cool, dry, and comfortable.
- Heel pocket provides an anatomical fit and helps ensure the stocking is donned properly.

Options
Colors
Beige / Black
Distal Option
Closed Toe
Proximal Option
Silicone Top
Compression
15 - 20 *mmHg* 20 - 30 *mmHg*

ExoSoft™ Below Knee 53-104

This circular-knit garment provides coverage to just below the knee crease, and looks as good as it feels.

- Wide bands help reduce rolling and keep the stocking in place.
- Soft and smooth materials are easier for patients to don.
- Lightweight microfiber fabric helps keep patients cool, dry, and comfortable.
- Heel pocket provides an anatomical fit and helps ensure the stocking is donned properly.

Options
Colors
Beige / Black
Distal Options
Open Toe / Closed Toe
Proximal Option
Knit Top
Compression
15 - 20 *mmHg* 20 - 30 *mmHg*

ExoSoft™

Lower Extremity Size Chart

See page 18 for more info on how to determine Item / SKU codes for Exo™ garments.

ExoSoft™ Thigh High 53-107

All sizes in centimeters

Thigh High	Length	Girths			
Description	**Thigh**	**Ankle**	**Calf**	**Thigh**	**Item Code**
Small	up to 73	18 - 20	27 - 37	41 - 56	53-107-54-XX-X120
Medium	up to 76	20 - 24	29 - 39	45 - 61	53-107-55-XX-X120
Large	up to 78	24 - 28	32 - 43	50 - 66	53-107-56-XX-X120
X-Large	up to 81	28 - 31	35 - 45	56 - 71	53-107-57-XX-X120

ExoSoft™ Below Knee 53-104

All sizes in centimeters

Below Knee	Length	Girths		
Description	**Calf**	**Ankle**	**Calf**	**Item Code**
Small	up to 40	18 - 20	27 - 37	53-104-54-XX-XX10
Medium	up to 43	20 - 24	29 - 39	53-104-55-XX-XX10
Large	up to 45	24 - 28	32 - 43	53-104-56-XX-XX10
X-Large	up to 48	28 - 31	35 - 45	53-104-57-XX-XX10

ExoSheer™ Thigh High 52-107

Sheer thigh high garments provide full leg coverage and feature a silicone lace band that helps prevent slipping throughout the day.

Wide silicone band helps reduce rolling and keeps the stocking in place.

Silky and elastic material is easier for patients to don.

Lightweight fabric provides maximum breathability.

Sheer fabric offers a natural look.

Options	
Colors	
Beige	Black
Distal Option	
	Closed Toe
Proximal Option	
	Silicone Top
Compression	
8 - 15 *mmHg* 15 - 20 *mmHg* 20 - 30 *mmHg*	

ExoSheer™ Below Knee 52-104

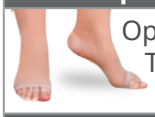
Sheer circular-knit stockings blend form and function with soft, silky fabric that's easy to put on and wear underneath any type of clothing.

Wide band helps reduce rolling and keeps the stocking in place.

Silky and elastic material is easier for patients to don.

Lightweight fabric provides maximum breathability.

Sheer fabric offers a natural look.

Options	
Colors	
Beige	Black
Distal Options	
 Open Toe	Closed Toe
Proximal Option	
	Knit Top
Compression	
8 - 15 *mmHg (Closed toe only)* 15 - 20 *mmHg* 20 - 30 *mmHg*	

ExoSheer™

Lower Extremity Size Chart

See page 18 for more info on how to determine Item / SKU codes for Exo™ garments.

ExoSheer™ Thigh High 52-107

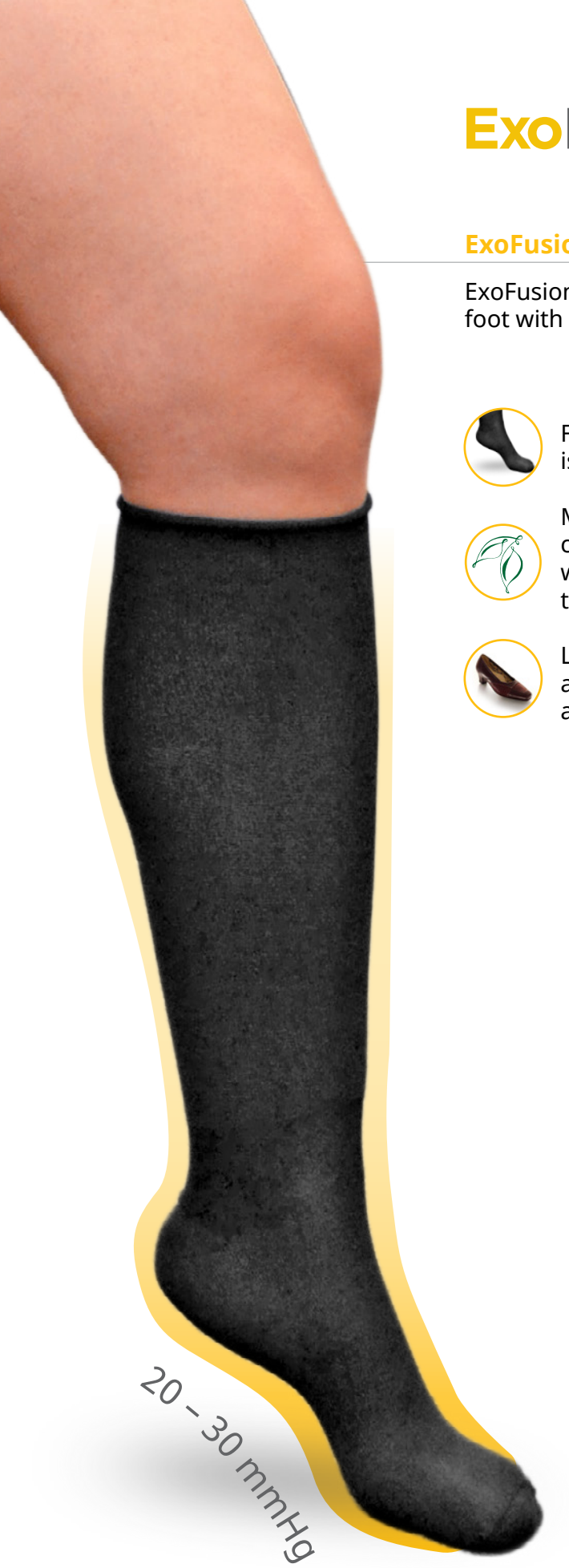
All sizes in centimeters

Thigh High	Length	Girths			
Description	**Thigh**	**Ankle**	**Calf**	**Thigh**	**Item Code**
Small	up to 73	18 - 20	27 - 37	41 - 56	52-107-54-XX-X120
Medium	up to 76	20 - 24	29 - 39	45 - 61	52-107-55-XX-X120
Large	up to 78	24 - 28	32 - 43	50 - 66	52-107-56-XX-X120
X-Large	up to 81	28 - 31	35 - 45	56 - 71	52-107-57-XX-X120

ExoSheer™ Below Knee 52-104

All sizes in centimeters

Below Knee	Length	Girths		
Description	**Calf**	**Ankle**	**Calf**	**Item Code**
Small	up to 40	18 - 20	27 - 37	52-104-54-XX-XX10
Medium	up to 43	20 - 24	29 - 39	52-104-55-XX-XX10
Large	up to 45	24 - 28	32 - 43	52-104-56-XX-XX10
X-Large	up to 48	28 - 31	35 - 45	52-104-57-XX-XX10



ExoFusion™ Foot Compression Garment

ExoFusion™ Foot 51-104

ExoFusion™ provides a focused 20 –30 mmHg compression over the foot with a light gradient compression over the calf.

- Focused foot compression is easier for patients to don.
- Made with fibers that combine a soft, tactile feel with moisture wicking and temperature control.
- Looks and feels like a regular tube sock and fits inside shoes.

Options
Color
Black
Compression
20 - 30 *mmHg (Over Foot)*

ExoFusion™ Foot Compression Garment Size Chart

See page 18 for more info on how to determine Item / SKU codes for Exo™ garments.

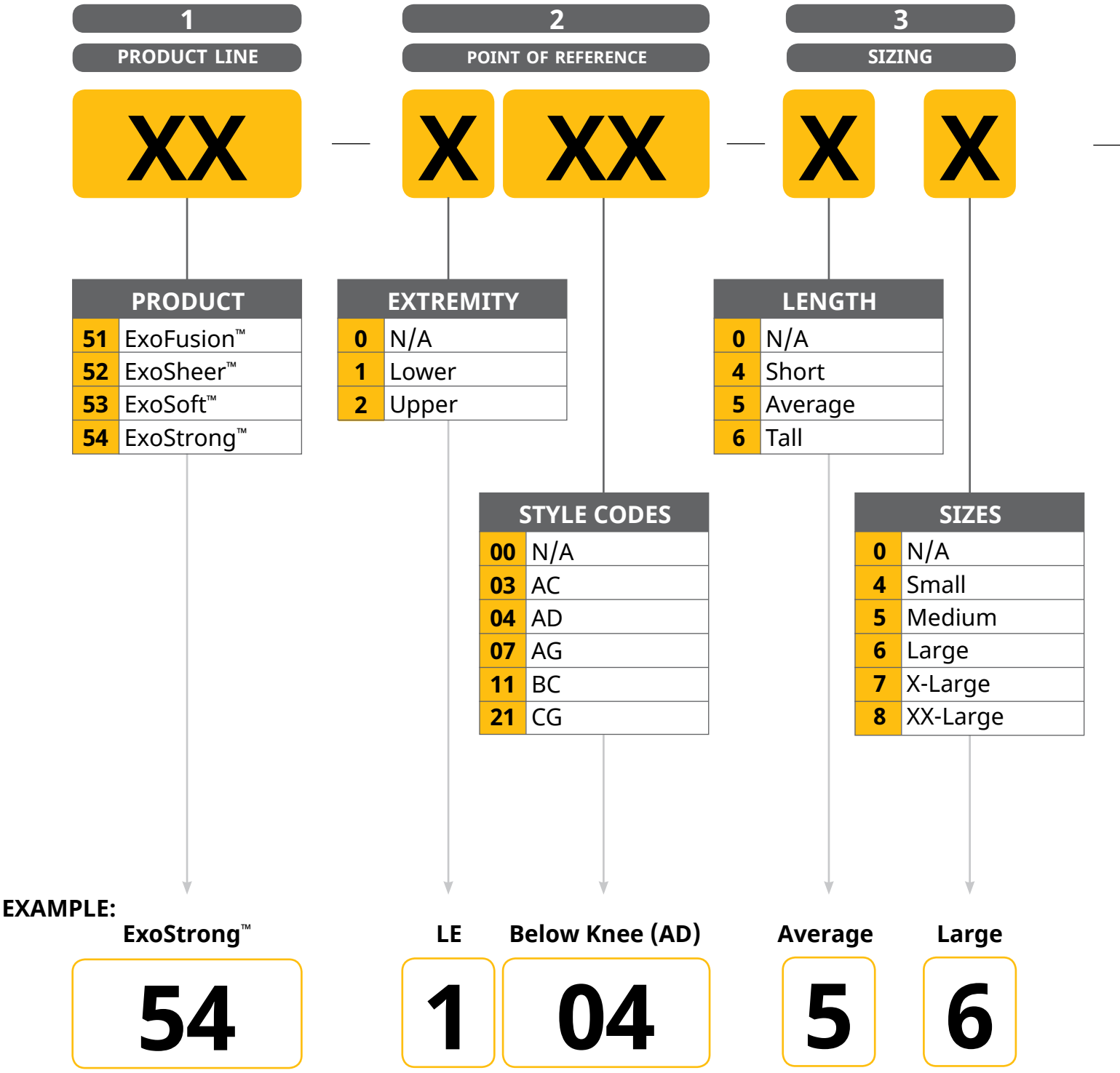
ExoFusion™ Foot 51-104

All sizes in centimeters

Short	**Foot Length:** up to 21	
Description	**MTP Girth**	**Item Code**
Medium	20 - 24	51-104-45-02-3100
Large	24 - 28	51-104-46-02-3100
Tall	**Foot Length:** up to 28	
Description	**MTP Girth**	**Item Code**
Medium	20 - 24	51-104-65-02-3100
Large	24 - 28	51-104-66-02-3100

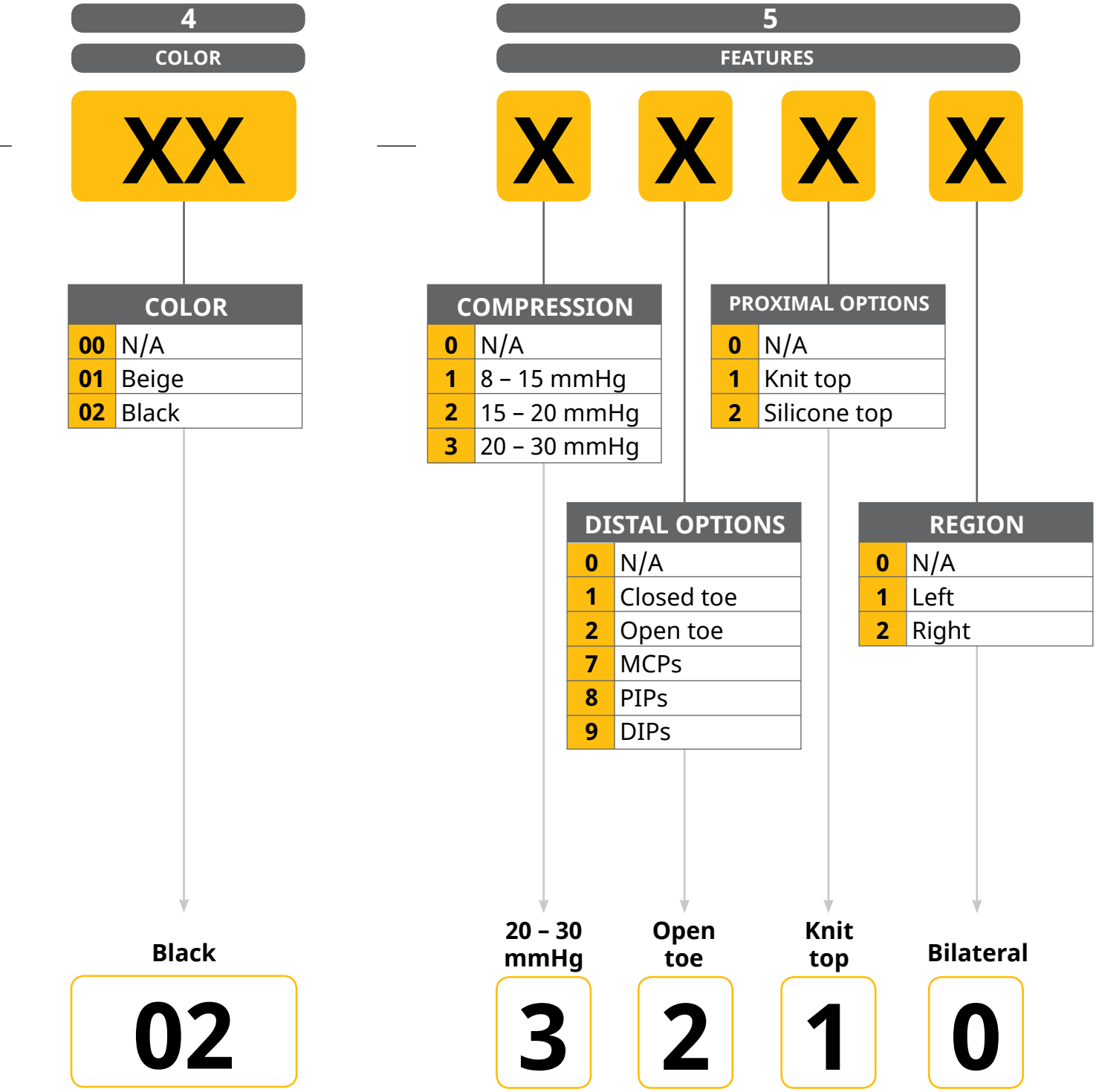
Exo™ Item Codes

The Exo™ product line features a new, structured coding system. We know these item codes may take awhile to get used to, so if you have any questions give us a call at (855) 892-4140.



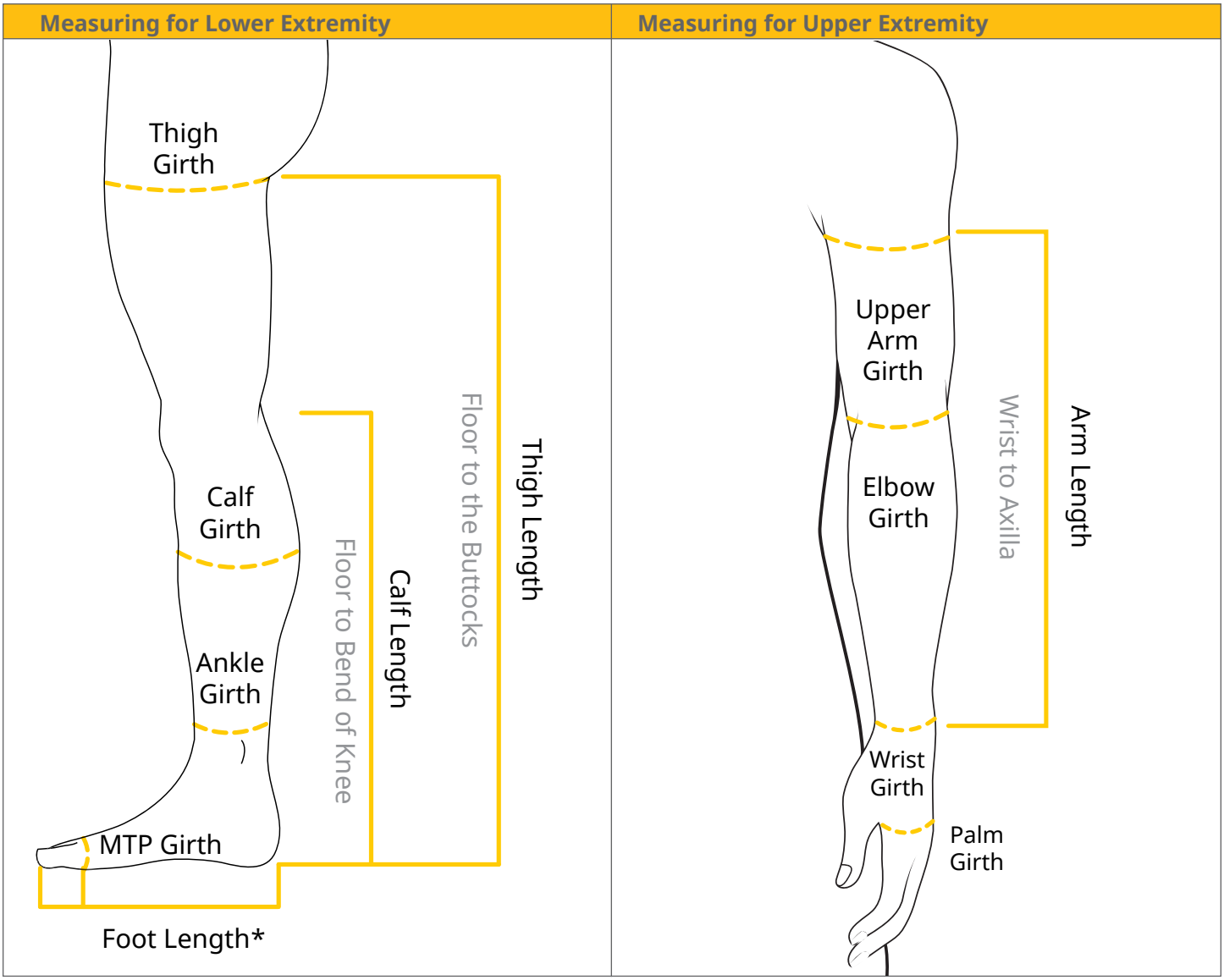
EXAMPLE:

ExoStrong™	LE	Below Knee (AD)	Average	Large
54	1	04	5	6


4
COLOR
XX
5
FEATURES
X X X X
COLOR
00 N/A
01 Beige
02 Black
COMPRESSION
0 N/A
1 8 – 15 mmHg
2 15 – 20 mmHg
3 20 – 30 mmHg
DISTAL OPTIONS
0 N/A
1 Closed toe
2 Open toe
7 MCPs
8 PIPs
9 DIPs
PROXIMAL OPTIONS
0 N/A
1 Knit top
2 Silicone top
REGION
0 N/A
1 Left
2 Right
Black
02
20 – 30 mmHg
3
Open toe
2
Knit top
1
Bilateral
0

Measuring Landmarks

Measuring for Exo™ is easy. Simply use the landmarks below to determine the proper size garment.

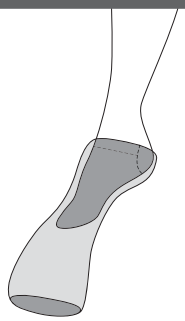
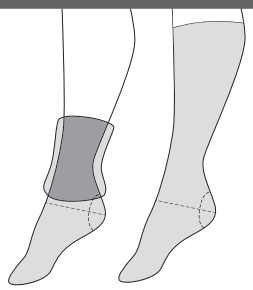


* ExoFusion™ measured from heel to toe.
ExoStrong™ measured from heel to MTP.

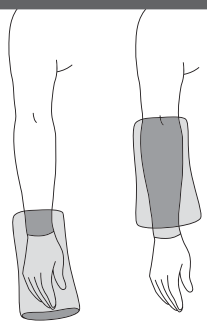
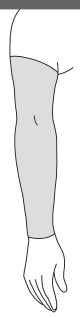
Donning Instructions

It is important to remove any jewelry before applying or removing your Exo™ garment. Avoid sticking fingernails or other sharp objects into the material as this may cause damage to the garment.

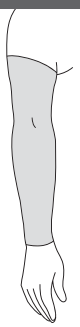
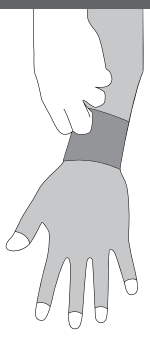
Lower Extremity (Knee Highs and Thigh Highs)

Step 1	Step 2
Fold the top half of your Exo garment inside out so that it is overlapping the lower half. Slide your foot inside until your heel is seated in the heel pocket or aligns with the heel seam. 	Gently ease the top half of your garment up your leg. Smooth out any creases. 

Arm Sleeve

Step 1	Step 2
Fold the top half of your Exo garment inside out so that it is overlapping the lower half. Slide your hand inside and gently pull the garment up to your elbow. 	Ease the garment up your arm. Smooth out any creases. 

Glove and Gauntlet

Step 1	Step 2
If using an Exo arm sleeve, always put it on before using your Exo glove or gauntlet. 	Slide your glove or gauntlet over your hand. Adjust for comfort around the fingers. 

Care Instructions

Washing

- Machine wash with mild detergent in warm water.
- Do NOT use bleach, fabric softeners, dryer sheets, or other additives.

Drying

- Machine dry on permanent press.
- Do NOT iron.

Intended Uses

- Maintain reduced fluid volume and shape of upper and lower extremity limbs
- Management of lymphedema
- Relief of leg fatigue and heaviness

Contraindications

- Arterial insufficiency or degeneration
- Untreated congestive heart failure
- Systemic infection
- Impaired sensation
- Cognitive impairment
- Allergy or sensitivities to materials

How to Order

L&R USA INC. places a high importance on providing products exclusively through medical professionals. For a complete list of retail locations in your area, visit **solarismed.com/where-to-buy**

If your facility provides durable medical equipment, call **(855) 892-4140** or e-mail **inquiries@us.LRmed.com** to set up an account. L&R's Customer Service Team is available to assist you from 7 AM until 7 PM Central, Monday through Friday.

Materials

Please call **(855) 892-4140** or email **inquiries@us.LRmed.com** for complete material contents.

Not made with natural rubber latex.

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