



# Help for your Knee - the Genum Line



mediroyal 

Living Proof

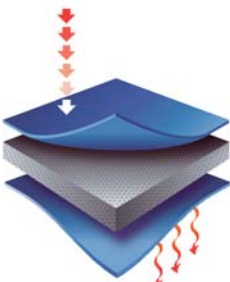
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This brochure will give you an overview of our knee section, which is a part of the extensive DeRoyal Orthopaedic product range. This introduction we will give you a short description of the features of our new DeRoyal Genum line. All products in this brochure, were designed and developed by DeRoyal Sweden AB's research & development team, in association with our customers and our manufacturing facility in Tallinn, Estonia.

The DeRoyal Genum line has been developed to meet our customer's requirements; from enhanced wearer comfort through improved anatomical fit, to better stability through improved Biomechanical function. We have spent considerable time developing new textile materials for this product line such as NeoTex and Tri Tex. Both of which were designed for optimal function, in knee braces.

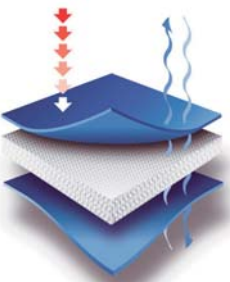
Both lines have a characteristic "Slightly Flexed" anatomical shape, which is most apparent on the two piece NeoTex and three piece TriTex designs. This advancement in Knee brace design helps reduce excess material in the knee fold and provides an optimal fit. Due to the sensitivity of the "Knee Fold", we have made the material in this area thinner and softer to prevent rubbing or pinching. In each TriTex model, we have used an active breathing material called SoftTex, which maximises comfort in the knee fold.

In the TriTex line you will find selected products available in a beige colour. Specially designed for geriatric patients, they featuring finger loops and wider straps for easy application. The beige coloured products have a special colour code to identify them.



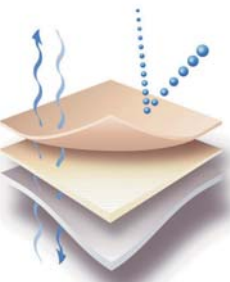
### NeoTex

NeoTex – "NT". This materials design, is based on a premium air cellular rubber, where its unique properties of heat insulation, optimal stretch and low weight, make it ideal for the active person, who needs a functional and durable support.



### TriTex

TriTex – "T3" uses a unique three-dimensional weaving technique, and a high quality specially developed yarn. This material is fast establishing itself as "the" Sport Rehabilitation material for the 21st century. The T3 material provides elasticity, compression, shock absorption and optimal ventilation, leaving the skin dry, the tissues supported and protected and the temperature comfortable.



### SoftTex

SoftTex – "ST". A micro-porous textile, that allows moisture to evaporate from the skin surface and give an optimal comfort where it is required. SoftTex, is used, in the knee fold of the "TriTex" line.

## Genum Basic Standard knee brace

This basic anatomical knee sleeve provides light compression and heat for light inflammation and overuse injuries in the knee. The brace features two flexible spiral stays to provide medial and lateral support. The “open patella” design unloads the patella completely to avoid downward pressure. Hook and loop closure makes adjustments easy. The knee brace is available in an open or closed patella design and in two different material options: NeoTex and TriTex. With the TriTex version, you have an option of colours, Beige or Black.

**INDICATION:** light knee instabilities, inflammations, arthritis or osteoarthroses.

EU4001		Genum NT Basic					
Size	XS	S	M	L	XL	XXL	
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50	
NeoTex knee sleeve, closed patella, black Circumference patella middle.							

EU4101		Genum T3 Basic					
Size	XS	S	M	L	XL	XXL	
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50	
TriTex knee sleeve, closed patella, black Circumference patella middle.							

EU4301		Genum T3 Basic					
Size	XS	S	M	L	XL	XXL	
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50	
TriTex knee sleeve, closed patella, black Circumference patella middle.							

EU4002		Genum NT Basic P					
Size	XS	S	M	L	XL	XXL	
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50	
NeoTex knee sleeve, open patella, black Circumference patella middle.							

EU4102		Genum T3 Basic P					
Size	XS	S	M	L	XL	XXL	
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50	
TriTex knee sleeve, open patella, black Circumference patella middle.							

EU4302		Genum T3 Basic P					
Size	XS	S	M	L	XL	XXL	
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50	
TriTex knee sleeve, open patella, beige Circumference patella middle.							





Genum Liga ACL  
Knee brace for ex-  
tension & flexion control

## Genum Liga ACL

This double hinged, anatomically shaped, knee brace design enhances support for knees with ACL injuries, and provides excellent medial and lateral as well as anterior stability. The brace can also immobilise the knee at different degrees of flexion or extension. This is achieved by using either, the extension stops at: 0°, 10°, 20° and 30°, or the flexion stops at: 60°, 75° and 90°. The strapping system features “half circular” straps that enhance stability to the posterior and anterior sides individually. The upper and lower straps are semi-elastic while the straps closer to the knee joint are non elastic, as we have found that this construction provides a higher degree of stability to the knee. Hook and loop closure makes adjustments easy and effective. The integrated patella opening helps to unload the patella and avoids pressure. **INDICATION:** Injuries to the medial/lateral collateral ligament or to the anterior cruciate ligament.

### EU4010 Genum NT Liga ACL

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

Double Hinged, NeoTex Knee Sleeve with Ext./Flex-stops, Black Circumference patella middle.

### EU4110 Genum T3 Liga ACL

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

Double Hinged, TriTex Knee Sleeve with Ext./Flex-stops, Black Circumference patella middle.



Genum Liga X  
Knee brace with hyper-  
extension control

## Genum Liga X

This anatomical designed knee brace has a unique strapping system at the back of the knee to prevent hyperextension. It features a double hinge made of anodised aluminium for reduced weight and optimise stability. All straps are half-circular in design, attached from the lateral to medial hinge, as this provides superior stability and easy adjustment (“Parallel Placement” of the hinges, is guaranteed by the two posterior straps). The upper and lower, anterior straps, are semi-elastic and provide good compression. The hook and look closures in the front of the thigh and the back of the calf allow for easy adjustment. The brace is fitted with an adjustable patella pad. **INDICATION:** Medial and lateral collateral ligament injuries, light ACL injuries

### EU4011 Genum Liga X

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

Double Hinged, NeoTex Knee Sleeve with Ext./Flex-stops, Black Circumference patella middle.

### EU4111 Genum Liga X

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

Double Hinged, TriTex Knee Sleeve with Ext./Flex-stops, Black Circumference patella middle.



Genum Liga  
Standard knee  
ligament brace

## Genum Liga

This Knee brace has an identical design to the Genum Liga X, except for the hyperextension strap at the back of the knee. This brace features a double hinge in anodised aluminium, an open patella, stabilizing straps and adjustable thigh and calf circumference. medial and lateral collateral ligament injuries, general knee instabilities. **INDICATION:** Medial and lateral collateral ligament injuries, light ACL injuries.

### EU4012 Genum Liga

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

Double Hinged, NeoTex Knee Sleeve, Black Circumference patella middle.

### EU4112 Genum Liga

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

Double Hinged, TriTex Knee Sleeve, Black Circumference patella middle.

## Genum Liga X - EASE

This knee brace has an anterior opening for easy and safe application, and was specially designed for the Geriatric patient, with knee instability. It features a lightweight; single hinge made of anodised aluminium. The wrap around model makes the application easy for the elderly as no bending is necessary, to pull the brace up over the knee. The unique strapping system in the back of the knee prevents hyperextension, and the additional straps provide good support and stability. **INDICATION:** Medial and lateral collateral Ligament injuries, light ACL injuries, arthritis and osteoarthritis.

### EU4014 Genum NT Liga X - EASE

Size	S	M	L	XL	XXL
Size in cm	32-35	35-38	38-42	42-46	46-50

Single Hinged, NeoTex Knee Sleeve, Hyper-Ext-Straps, Black  
Circumference patella middle.

### EU4114 Genum T3 Liga X - EASE

Size	S	M	L	XL	XXL
Size in cm	32-35	35-38	38-42	42-46	46-50

Single Hinged, TriTex Knee Sleeve, Hyper-Ext-Straps, Black  
Circumference patella middle.

### EU4314 Genum T3 Liga X - EASE

Size	S	M	L	XL	XXL
Size in cm	32-35	35-38	38-42	42-46	46-50

Single Hinged, TriTex Knee Sleeve, Hyper-Ext-Straps, Beige  
Circumference patella middle.



Genum Liga X - EASE  
The wrap-around, hyper-  
ex knee brace

## Genum Liga - EASE

This model is identical in design to the Genum Liga X – EASE. It features a wrap-around design except for the hyperextension strap at the back of the knee. Two wide elastic “loop straps” are present over the thigh and calf, to make the application even easier. It features a single, lightweight aluminium hinge, open patella, and an adjustable thigh and calf circumference. Please note that this brace is only available in the TriTex material. **INDICATION:** Medial and lateral collateral ligament injuries, general knee instabilities, arthritis and osteoarthritis.

### EU4115 Genum T3 Liga - EASE

Size	S	M	L	XL	XXL
Size in cm	32-35	35-38	38-42	42-46	46-50

Single Hinged, TriTex Wrap-Around Knee Brace, Black  
Circumference patella middle.

### EU4315 Genum T3 Liga - EASE

Size	S	M	L	XL	XXL
Size in cm	32-35	35-38	38-42	42-46	46-50

Single Hinged, TriTex Wrap-Around Knee Brace, Beige  
Circumference patella middle.



Genum Liga - EASE  
The standard wrap-  
around knee brace

## Genum Liga EASE Light

This anatomical, open designed knee brace with spiral stays, is designed especially for geriatric patients with knee instability. The wrap-around design allows an easy and safe application. No excessive body bending to pull the brace up the leg is necessary. The wide elastic straps make it easier to close and open the brace. The spiral stays provides light stability to the knee. **INDICATION:** Medial and lateral collateral ligament injuries, general knee instabilities, arthritis and osteoarthritis.

### EU4316 Genum Liga - EASE Light

Size	S	M	L	XL	XXL
Size in cm	32-35	35-38	38-42	42-46	46-50

Spiral Stay, TriTex Wrap-Around Knee Brace, Beige  
Circumference patella middle.



Genum Liga - EASE Light  
The light wrap-around  
knee brace



Genum Patella T - short  
Wrap-around patella brace

## Genum Patella T - Short

This low profile, functional knee braces is designed to unload the patella in the most effective way. The anterior strapping system, is designed to permit the user to apply customised pressure over the patella tendon, without cutting off circulation in the calf area. The open design and the hook and loop closure, make it simple to apply. **INDICATION:** Patella tendon problems, jumper's knee, Osgood-Schlatters disease and anterior knee pain.

### EU4020 Genum Patella T - Short

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

NeoTex Brace, Patella Unload, black  
Circumference patella middle.

### EU4120 Genum T3 Patella T - Short

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Brace, Patella Unload, Black  
Circumference patella middle.



Genum Patella T - Long  
Functional patella knee sleeve

## Genum Patella T - Long

This functional knee braces is designed to unload the patella in the most effective way. The strapping system features a comfortable patella pad attached to semi-elastic straps. The straps attach on the upper posterior side of the brace, providing a support that lifts and unloads the patella tendon. The open design and hook and loop closure makes it easy to apply, and the spiral stays on the side of the brace provide light medial and lateral support. **INDICATION:** Patella tendon problems, jumper's knee, Osgood-Schlatters disease and anterior knee pain.

### EU4021 Genum Patella T - Long

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

NeoTex Knee Sleeve, Patella Unload, black  
Circumference patella middle.

### EU4121 Genum T3 Patella T - Long

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Knee Sleeve, Patella Unload, Black  
Circumference patella middle.



Genum Patella U  
Patella knee sleeve  
with horse shoe pad

## Genum Patella U

This anatomically designed knee sleeve and integrated U-shaped patella pad stabilizes and unloads the patella. The pad provides slight medial/lateral support to the patella as well as light support to the patella tendon. The hook and loop closure allows easy adjustments, and the spiral stays on the side of the brace provide light support. **INDICATION:** Patella tendon problems, jumper's knee, Osgood-Schlatters disease and anterior knee pain.

### EU4022 Genum NT Patella U

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

NeoTex Knee Sleeve, Horse Shoe Pad, black  
Circumference patella middle.

### EU4122 Genum T3 Patella U

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Knee Sleeve, Horse Shoe Pad, Black  
Circumference patella middle.

## Genum Stab - Short

A small, low profile wrap-around knee support designed to stabilize the patella. The half-moon shaped patella pad can be placed on either; the lateral, or on the medial side of the patella. The semi-elastic straps in the front allow gradual increases in pad pressure, thus stabilising the patella. The brace has been equipped with a re-moveable spiral stay over the pad, when in situ it reinforces the stability of the pad when flexing the knee. INDICATION: Patella femoral pain, patella luxation/subluxation.

### EU4030 Genum NT Stab - Short

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

NeoTex Brace, Patella Stabilizer, black  
Circumference patella middle.

### EU4130 Genum T3 Stab - Short

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Brace, Patella Stabilizer, Black  
Circumference patella middle.



Genum Stab - Short  
Patella wrap-around brace

## Genum Stab - Long

This anatomical knee sleeve has an integrated pad to stabilise the patella. The half-moon shaped patella pad can be placed on the lateral or on the medial side of the patella and prevents subluxation. The semi-elastic straps in the front allow gradual increases in pad pressure, thus stabilizing the patella. Two spiral stays, in open pockets, help enhance support of the knee. Please note: This brace is available in Left or Right. INDICATION: Patella femoral pain, patella luxation/subluxation.

### EU4031 Genum NT Stab - Long

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

NeoTex Knee Sleeve, Patella Stabilizer, black  
Circumference patella middle.

### EU4131 Genum T3 Stab - Long

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Knee Sleeve, Patella Stabilizer, Black  
Circumference patella middle.



Genum Stab - Long  
Knee sleeve with  
patella strapping system

## Genum Stab - Silicone

This anatomically designed knee brace with an integrated, medical grade, silicone pad, supports and stabilizes the patella. Spiral stays on the lateral and medial side, help increase the support and enhance stability in the brace. Hook and loop closure for easy application. INDICATION: Patella femoral pain, patella luxation/subluxation.

### EU4032 Genum NT Stab - Silicone

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

NeoTex Knee Sleeve, Silicone Pad, Black  
Circumference patella middle.

### EU4132 Genum T3 Stab - Silicone

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Knee Sleeve, Silicone Pad, Black  
Circumference patella middle.

### EU4332 Genum T3 Stab - Silicone

Size	XS	S	M	L	XL	XXL
Size in cm	29-32	32-35	35-38	38-42	42-46	46-50

TriTex Knee Sleeve, Silicone Pad, Beige  
Circumference patella middle.



Genum Stab - Silicone  
Knee sleeve with silicone pad



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