

PLAY Hard. PLAY Smart.

Knee Product Guide



 DeRoyal®

Osteoarthritis/Ligament Bracing

M.4[®] OA Knee Brace

- Provides exact and effective valgus and varus pressure adjustment exerted close to the knee joint
- Physioglide[®] hinge closely mimics normal knee motion
- Patented flex bar allows transfer of force across joint removing pressure on affected compartment
- 4 point frame design provides a precise fit to eliminate migration
- Ultraflat, lightweight and low profile frame and hinge constructed of Avional[®] aluminum is 30% more rigid than other aluminum alloy technologies of the same weight
- Soft grip straps and padding are comfortable and slip resistant to prevent migration

Indications: Moderate to severe unicompartmental osteoarthritis

Size	Thigh Circumference*	Varus/Medial		Valgus/Lateral	
		Right	Left	Right	Left
X-Small	12 ¼" - 14 ½"	14501204	14501104	14502204	14502104
Small	14 ½" - 17 ¾"	14501205	14501105	14502205	14502105
Medium	17 ¾" - 20"	14501206	14501106	14502206	14502106
Large	20" - 22 ½"	14501207	14501107	14502207	14502107
X-Large	22 ½" - 25 ½"	14501208	14501108	14502208	14502108
XX-Large	25 ½" - 29"	14501209	14501109	14502209	14502109

* Measure circumference 6" above mid-patella



HCPCS Code: L1845

M.4[®] ACL Knee Brace

- Physioglide[®] hinge closely mimics normal knee motion
- 4 point frame design provides a precise fit to eliminate migration
- Ultraflat, lightweight and low profile frame and hinge constructed of Avional[®] aluminum is 30% more rigid than other aluminum alloy technologies of the same weight
- Soft grip straps and padding are comfortable and slip resistant to prevent migration

Indications: Mild to moderate ACL, PCL, MCL, LCL; Combined ligament instabilities

Size	Thigh Circumference*		
		Right	Left
X-Small	12 ¼" - 14 ½"	14510204	14510104
Small	14 ½" - 17 ¾"	14510205	14510105
Medium	17 ¾" - 20"	14510206	14510106
Large	20" - 22 ½"	14510207	14510107
X-Large	22 ½" - 25 ½"	14510208	14510108
XX-Large	25 ½" - 29"	14510209	14510109

* Measure circumference 6" above mid-patella



HCPCS Code: L1845

Ligament Bracing



HCPCS Code: L1845

Flexgard™ ACL Knee Brace

- “Genucentric” hinge design tracks the knee’s instantaneous center of motion throughout range of motion
- Full body frame is lightweight and low profile for improved patient comfort and fit
- Eight moldable contour zones to achieve an intimate fit and help prevent migration
- 0°, 5°, 10° and 15° extension stops

Indications: Mild to moderate ACL, PCL, MCL, LCL; Combined ligament instabilities

Size	Max Thigh Circumference*	Knee Circumference*	Max Calf Circumference*	Medial/Lateral*	Right	Left
Small	19 ½"	13 ½" - 14 ¾"	14"	3 ⅞" - 4 ¼"	14761205	14761105
Medium	21 ½"	14 ¾" - 16"	15 ¼"	4 ¼" - 4 ⅝"	14761206	14761106
Large	23 ½"	16" - 17 ¼"	17"	4 ⅝" - 5"	14761207	14761107
X-Large	25 ½"	17 ¼" - 18 ½"	18 ½"	5" - 5 ½"	14761208	14761108

* Measure thigh, knee and calf circumference and medial-lateral width



HCPCS Code: L1832

Warrior™ Knee Brace

- “Genucentric” hinge design tracks the knee’s instantaneous center of motion throughout range of motion
- Breathable Tri-tex material helps keep skin cool by wicking away moisture
- Darlex-lined popliteal region helps prevent material from bunching
- Two half-moon shaped buttresses can be aligned in desired position for patellar control (pull up only)
- Optional extension (0°, 5°, 10° and 15°) and flexion (0°, 25°, 45°, 75° and 100°) stops
- Extension tabs at thigh and calf accommodate circumferential variances (pull up only)
- Features pull-tabs to aid in donning

Indications: Mild to moderate ACL, PCL, MCL, LCL; Combined ligament instabilities; Patellar subluxation

Size	Measurement*	Regular Pull Up	Regular Wrap Around	Short Pull Up	Short Wrap Around
Small	15 ½" - 18"	14612005	14611005	14582005	14581005
Medium	18" - 20 ½"	14612006	14611006	14582006	14581006
Large	20 ½" - 23"	14612007	14611007	14582007	14581007
X-Large	23" - 25 ½"	14612008	14611008	14582008	14581008
XX-Large	25 ½" - 28"	14612009	14611009	14582009	14581009
XXX-Large	28" - 30 ½"	14612010	14611010	14582010	14581010

* Measure circumference 6" above mid-patella

Hypercontrol™ Knee Brace

- Tri-tex construction serves as a breathable alternative to neoprene
- Anatomical design features unique strapping system at the back of the knee to help prevent hyperextension
- Hinges provide medial and lateral support
- Dual adjustable buttresses for maximum patella stabilization (pull up only)
- Extension tabs at the thigh and calf accomodate circumferential variances (pull up only)
- Superior adjustability for patient comfort

Indications: Grade I or II collateral ligament sprain; Mild ACL/PCL sprain; Grade I varus and valgus instability

Size	Measurement*	Pull Up	Wrap Around
X-Small	13 ½" - 15 ½"	I4630004	—
Small	15 ½" - 18"	I4630005	I4910005
Medium	18" - 20 ½"	I4630006	I4910006
Large	20 ½" - 23"	I4630007	I4910007
X-Large	23" - 25 ½"	I4630008	I4910008
XX-Large	25 ½" - 28"	I4630009	I4910009
XXX-Large	28" - 30 ½"	I4630010	I4910010

* Measure circumference 6" above mid-patella



HCPCS Code: L1810

Deluxe Hinged Knee Support

- ¼" neoprene construction provides warmth, compression and support
- Medial and lateral hinges with range of motion at 0°, 15°, 30° and 45° to limit extension
- Covered hinges allow brace to be worn during contact sports
- Elastic straps above and below knee help prevent migration
- Superior felt buttress helps control patella

Indications: Grade I collateral ligament sprain; Mild ACL/PCL sprain; Grade I varus and valgus instability; Patellar subluxation; Osteoarthritis

Size	Measurement*	Product #
Small	13" - 14"	NE7722-72
Medium	14" - 15"	NE7722-73
Large	15" - 17"	NE7722-74
X-Large	17" - 18"	NE7722-75
XX-Large	18" - 20"	NE7722-76
XXX-Large	20" - 22"	NE7722-77

* Measure knee circumference below patella



HCPCS Code: L1810

Wrap Around Knee Support

- ⅛" neoprene construction provides warmth, compression and support
- Hinges provide medial and lateral support
- Wrap around design allows for easy application and removal
- Features open popliteal for comfort and breathability

Indications: Grade I or II collateral ligament sprain; Mild ACL/PCL sprain; Grade I varus and valgus instability

Size	Measurement*	Product #
X-Small	13 ½" - 15 ½"	NE7711-81
Small	15 ½" - 18"	NE7711-82
Medium	18" - 20 ½"	NE7711-83
Large	20 ½" - 23"	NE7711-84
X-Large	23" - 25 ½"	NE7711-85
XX-Large	25 ½" - 28"	NE7711-86

* Measure circumference 6" above mid-patella



HCPCS Code: L1810

Ligament/Patellofemoral Bracing



HCPCS Code: LI800

Deluxe Knee Support w/ Trimmable Buttress

- 1/8" neoprene construction provides warmth, compression and support
- Anterior strapping above and below knee helps prevent migration while medial/lateral stays provide additional stability
- Enclosed tubular buttress can be trimmed for desired patella position
- Available in open or closed popliteal

Indications: Grade I collateral ligament sprain; Patellar subluxation; Chondromalacia; Patella tendonitis; Patellofemoral tracking dysfunction; Patellar dislocation; Quadriceps tendonitis; Plica syndrome

Size	Measurement*	Closed Popliteal	Open Popliteal
X-Small	13 1/2" - 15 1/2"	NE7718-71	I4882004
Small	15 1/2" - 18"	NE7718-72	I4882005
Medium	18" - 20 1/2"	NE7718-73	I4882006
Large	20 1/2" - 23"	NE7718-74	I4882007
X-Large	23" - 25 1/2"	NE7718-75	I4882008
XX-Large	25 1/2" - 28"	NE7718-76	I4882009
XXX-Large	28" - 30 1/2"	NE7718-77	I4882010

* Measure circumference 6" above mid-patella



HCPCS Code: LI800

Fan Knee Stabilizer

- 1/8" neoprene construction provides warmth, compression and support
- Features four criss-cross elastic straps for additional patella support
- Strapping above and below knee helps prevent migration
- Medial and lateral stays provide stability
- Adjustable felt buttress and enclosed tubular buttress

Indications: Grade I collateral ligament sprain; Patellar subluxation; Chondromalacia; Patella tendonitis; Patellofemoral tracking dysfunction; Patellar dislocation; Quadriceps tendonitis; Plica syndrome

Size	Measurement*	Product #
Small	15 1/2" - 18"	NE7707-72
Medium	18" - 20 1/2"	NE7707-73
Large	20 1/2" - 23"	NE7707-74
X-Large	23" - 25 1/2"	NE7707-75
XX-Large	25 1/2" - 28"	NE7707-76

* Measure circumference 6" above mid-patella



HCPCS Code: LI800 (w/o hinges)
LI810 (w/ hinges)

Full Length Patella Stabilizer

- 1/8" neoprene construction provides warmth, compression and support
- Also available in breathable Tri-tex material
- Full-length design for maximum support and compression
- Unique strapping system pulls patella into desired position
- Horseshoe-shaped pad can be placed on medial or lateral side of patella
- Medial and lateral hinges for additional ligament support (Tri-tex only)

Indications: Medial or lateral patellar subluxation; Chondromalacia; Patellofemoral tracking dysfunction

Size	Measurement*	Neoprene Right	Neoprene Left	Tri-tex Right	Tri-tex Left
X-Small	13 1/2" - 15 1/2"	NEP779371R	NEP779371L	I4840204	I4840104
Small	15 1/2" - 18"	NEP779372R	NEP779372L	I4840205	I4840105
Medium	18" - 20 1/2"	NEP779373R	NEP779373L	I4840206	I4840106
Large	20 1/2" - 23"	NEP779374R	NEP779374L	I4840207	I4840107
X-Large	23" - 25 1/2"	NEP779375R	NEP779375L	I4840208	I4840108
XX-Large	25 1/2" - 28"	NEP779376R	NEP779376L	I4840209	I4840109

* Measure circumference 6" above mid-patella

Concise Patella Stabilizer

- 1/8" neoprene construction provides warmth, compression and support
- Also available in breathable Tri-tex material
- Low-profile design allows for increased range of motion during activity
- Unique strapping system pulls patella into desired position
- Universal right/left

Indications: Medial or lateral patellar subluxation; Chondromalacia; Patellofemoral tracking dysfunction

Size	Measurement*	Neoprene	Tri-tex
X-Small	13 1/2" - 15 1/2"	NEP7790-71	14750004
Small	15 1/2" - 18"	NEP7790-72	14750005
Medium	18" - 20 1/2"	NEP7790-73	14750006
Large	20 1/2" - 23"	NEP7790-74	14750007
X-Large	23" - 25 1/2"	NEP7790-75	14750008
XX-Large	25 1/2" - 28"	NEP7790-76	14750009

* Measure circumference 6" above mid-patella



HCPCS Code: L1825

Patella Band

- Constructed of neoprene for durability
- Unique bi-lateral strapping allows for greater control of buttress tension over patellar tendon
- Pull-up design helps promote compliance and reduce migration
- Low-profile design provides patient comfort

Indications: Patella tendonitis; Osgood-Schlatter's disease; Jumper's knee

Size	Measurement*	Product #
X-Small	11" - 12"	14640004
Small	12" - 13"	14640005
Medium	13" - 14"	14640006
Large	14" - 15"	14640007
X-Large	15" - 16"	14640008
XX-Large	16" - 17"	14640009

* Measure knee circumference below patella



Universal Knee Support

- 1/8" neoprene construction provides warmth, compression and support
- Anterior wrap around strapping above and below knee helps prevent migration
- Enclosed tubular buttress for desired patella position
- Universal adult and pediatric sizes available

Indications: Grade I collateral ligament sprain; Patellar subluxation; Chondromalacia; Patella tendonitis; Patellofemoral tracking dysfunction; Quadriceps tendonitis; Plica syndrome

Size	Measurement*	Product #
Universal	up to 25"	NE7710-70
Pediatric	up to 12"	NE7710-71

* Measure circumference 6" above mid-patella



HCPCS Code: L1825

Knee Supports



HCPCS Code: L1825

Knee Support w/ Trimmable Butress

- 1/8" neoprene construction provides warmth, compression and support
- Enclosed tubular butress can be trimmed for desired patella position

Indications: Grade I collateral ligament sprain; Patellar subluxation; Chondromalacia; Patella tendonitis; Patellofemoral tracking dysfunction; Quadriceps tendonitis; Plica syndrome

Size	Measurement*	Product #
X-Small	13 1/2" - 15 1/2"	NE7717-71
Small	15 1/2" - 18"	NE7717-72
Medium	18" - 20 1/2"	NE7717-73
Large	20 1/2" - 23"	NE7717-74
X-Large	23" - 25 1/2"	NE7717-75
XX-Large	25 1/2" - 28"	NE7717-76
XXX-Large	28" - 30 1/2"	NE7717-77

* Measure circumference 6" above mid-patella



HCPCS Code: L1825

Visco Elastic Knee Support

- Visco elastic construction with four way stretch for maximum compression
- Silicone butress option features spiral stays
- Closed patella design

Indications: Grade I collateral ligament sprain; Knee sprains and strains; Osteoarthritis; Mild joint effusion; Baker's cyst; Bursitis; Pes anserinus

Size	Measurement*	w/o Butress	w/ Butress
X-Small	13 1/2" - 15 1/2"	14761004	14801004
Small	15 1/2" - 18"	14761005	14801005
Medium	18" - 20 1/2"	14761006	14801006
Large	20 1/2" - 23"	14761007	14801007
X-Large	23" - 25 1/2"	14761008	14801008
XX-Large	25 1/2" - 28"	14761009	14801009
XXX-Large	28" - 30 1/2"	14761010	14801010

* Measure circumference 6" above mid-patella



HCPCS Code: L1825

Closed Patella Knee Support

- 1/8" neoprene construction provides warmth, compression and support
- Available with oval pad for additional patella protection

Indications: Grade I collateral ligament sprain; Knee sprains and strains; Osteoarthritis; Mild joint effusion; Baker's cyst; Bursitis; Pes anserinus

Size	Measurement*	w/o Pad	w/ Pad
X-Small	13 1/2" - 15 1/2"	NE7701-71	NE7701-01
Small	15 1/2" - 18"	NE7701-72	NE7701-02
Medium	18" - 20 1/2"	NE7701-73	NE7701-03
Large	20 1/2" - 23"	NE7701-74	NE7701-04
X-Large	23" - 25 1/2"	NE7701-75	NE7701-05
XX-Large	25 1/2" - 28"	NE7701-76	NE7701-06
XXX-Large	28" - 30 1/2"	NE7701-77	NE7701-07

* Measure circumference 6" above mid-patella

Open Patella Knee Support

- 1/2" neoprene construction provides warmth, compression and support
- Available with oval pad for additional patella protection
- Also available in breathable Tri-tex construction (w/o pad)
- Open patella for patient comfort

Indications: Grade I collateral ligament sprain; Knee sprains and strains; Osteoarthritis; Mild joint effusion; Baker's cyst; Bursitis; Pes anserinus

Size	Measurement*	w/o Pad	w/ Pad	Tri-tex
X-Small	13 1/2" - 15 1/2"	NE7702-71	NE7702-01	14811004
Small	15 1/2" - 18"	NE7702-72	NE7702-02	14811005
Medium	18" - 20 1/2"	NE7702-73	NE7702-03	14811006
Large	20 1/2" - 23"	NE7702-74	NE7702-04	14811007
X-Large	23" - 25 1/2"	NE7702-75	NE7702-05	14811008
XX-Large	25 1/2" - 28"	NE7702-76	NE7702-06	14811009
XXX-Large	28" - 30 1/2"	NE7702-77	NE7702-07	14811010
XXXX-Large	30 1/2" - 33"	—	NE7702-08	—

* Measure circumference 6" above mid-patella



HCPCS Code: L1825

Elastic Knee Support

- Pull up cotton elastic design
- Provides snug fit for maximum compression
- Available in closed and open patella styles

Indications: Grade I collateral ligament sprain; Knee sprains and strains; Osteoarthritis; Mild joint effusion; Baker's cyst; Bursitis; Pes anserinus

Size	Measurement*	Closed Patella	Open Patella
Small	12" - 15"	7042-01	7043-01
Medium	15" - 18"	7042-02	7043-02
Large	18" - 21"	7042-03	7043-03
X-Large	21" - 24"	7042-04	7043-04
XX-Large	24" - 27"	7042-05	7043-05

* Measure circumference 6" above mid-patella



HCPCS Code: L1825

General Leg Supports



Thigh Sleeve

- 1/8" neoprene for warmth, compression and support
- Anatomically contoured to provide compression and support during healing

Indications: Quadriceps, adductor and hamstring strains

Size	Mid Thigh Circumference	Product #
X-Small	18" - 19"	NE7734-71
Small	19" - 20"	NE7734-72
Medium	20" - 22"	NE7734-73
Large	22" - 25"	NE7734-74
X-Large	25" - 28"	NE7734-75
XX-Large	28" - 30"	NE7734-76



Groin Strap

- 1/8" neoprene for warmth, compression and support
- Cutout on medial portion of leg helps prevent irritation

Indications: Groin, proximal quadricep and adduction strains

Size	Groin Circumference	Product #
Small	19" - 20"	NE7735-72
Medium	20" - 22"	NE7735-73
Large	22" - 25"	NE7735-74
X-Large	25" - 28"	NE7735-75
XX-Large	28" - 30"	NE7735-76



Calf Sleeve

- 1/8" neoprene for warmth, compression and support
- Support adequately covers calf area for all patients
- Provides gentle compressive support to lower leg injuries

Indications: Calf (Gastrocnemius and Soleus) strains; Medial tibial stress syndrome (Shin splints); Peroneal compartment pain

Size	Calf Circumference*	Product #
X-Small	12" - 13"	NE7744-71
Small	13" - 14"	NE7744-72
Medium	14" - 15"	NE7744-73
Large	15" - 17"	NE7744-74
X-Large	17" - 18"	NE7744-75
XX-Large	18" - 20"	NE7744-76
XXX-Large	20" - 22"	NE7744-77

* Measure largest circumference of calf

Transition Knee Brace

- Drop-lock design offers easy access for pin adjustment
- Range of motion can be set in 10° increments
- Superior and inferior score zones for length adjustment
- Dial can be locked to encourage patient compliance
- Circumferential loop lock straps allow for even compression
- Trimmable softgoods available in full or cool foam options

Indications: Post-operative stabilization and rehabilitation; Post total knee replacement; Post ORIF; Fractures of the femur, tibia, fibula or patella; Ligament reconstructive procedures; Meniscal repairs; Post-fracture management

Description	Length Adjustment	Product #
Full Foam	23" - 17"	KB5000-00
Cool Foam	23" - 17"	KB5000-01
Full Foam, X-Long	26" - 20"	KB5000-02



Cool Foam

HCPCS Code: L1832

Slimline II Knee Brace

- Snap-lock hinge cover design with simple pin adjustment
- Range of motion can be set at 5°, 15°, 30°, 60° or 90° of flexion and 0°, 15°, 30°, 60° or 90° of extension
- Superior and inferior score zones for length adjustment
- Circumferential loop lock straps allow for even compression
- Trimmable softgoods available in full or cool foam options

Indications: Post-operative stabilization and rehabilitation; Post total knee replacement; Post ORIF; Fractures of the femur, tibia, fibula or patella; Ligament reconstructive procedures; Meniscal repairs; Post-fracture management

Description	Length Adjustment	Product #
Full Foam	23" - 17"	KB6000-00
Cool Foam	23" - 17"	KB6000-01



Cool Foam

HCPCS Code: L1832

Slimline Knee Brace

- Posterior offset hinge for correct anatomical fit
- Hinge can be easily adjusted in 10° degree increments of flexion and extension without tools
- Paddles allow for easy length adjustment
- Unique calf strap helps prevent migration
- Dial can be locked to encourage patient compliance

Indications: Post-operative stabilization and rehabilitation; Post total knee replacement; Post ORIF; Fractures of the femur, tibia, fibula or patella; Ligament reconstructive procedures; Meniscal repairs; Post-fracture management

Description	Length Adjustment	Product #
Telescopic Paddles	27" - 22"	KB2040-00
Fixed Paddles	22"	KB2040-10
No Paddles	21"	KB2040-40



HCPCS Code: L1832