

Technical Data Sheet

Collamed / Collamed long



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1 Product description

Intended Purpose

Collamed®/ Collamed® long is a knee support brace which function based on the 4-point principle using limitation of extension / flexion.

Indications

All indications that require reinforcement of the physiological stabilisation of the knee joint and/or stress relief of the joint, such as:

- Following injury to the collateral ligament (post-traumatic/postoperative)
- Following injury to the cruciate ligament (posttraumatic/postoperative)
- For knee instability
- Following meniscal injury
- For knee osteoarthritis

Contraindications

None known at present

Risks / Side Effects:

If the aids are too tight, this can cause local pressure sores or constriction of blood vessels or nerves. Therefore you should consult the doctor treating you before you use it if the following circumstances apply to you:

- Condition or injury of the skin in the area of application, particularly with infectious indications (excessive heat, swelling or reddening)
- Paresthesia and circulatory disorders (e.g. as seen in diabetes, varicose veins)
- Lymph drainage disorders – equally, swelling of soft tissue adjacent to the area of application which is not related to a condition

When wearing snug-fitting aids, this can result in localized skin inflammation or irritation that is due to mechanical irritation of the skin (particularly in conjunction with sweating) or due to the composition of the material.

1.1 Material composition

Avional, polyamide, elasthane, Velour, PU Glue, Nylon, Anticorodal 6082

1.2 Presentations

Collamed Collamed long
G060241-7 G060251-6

Size (in cm)	x-small	small	Medium	Large	x-large	xx-large	xxx-large
Length brace	40	40	40	40	40	41	41
Length strap 1	21	21,5	23	25	26,5	29	33
Length strap 2	21	21,5	23	215	26,5	29	33
Length strap 3	48,5	58	61	67	76	86	95

Length strap 4	21	21,5	23	25	26,5	29	33
Length strap 5	21	21,5	23	25	26,5	29	33
Length strap 6	43,5	52	55	61	68	77	86
Width top of brace	45	46	49	52	55	60	65
Width bottom of brace	33	35	37	39	43	47	53
Weight	495	500	510	530	540	570	595

Collamed Long

Size	x-small	small	Medium	Large	x-large	xx-large
Length brace	50	50	50	50	50	50
Length strap1	51	45,5	52,5	60	65	73,5
Length strap2	46	54,5	60,5	67	75	84,5

Length strap3	44	47	55	62	69	75
Length strap4	42	48	55	61	67	75
Width top of brace	42	47	51	54	58	65
Width bottom of brace	32	33	337	42	46	51
Weight	438	505	535	560	570	590

All measurements taken unstressed and flattened out, strap length defined as longest possible closing length

1.3 Features

- Easy to handle thanks to wrap version
- Silicone dot coating supports secure fit on the leg
- High level of comfort due to the medi Airtex+ material with intelligent thermoregulation
- Pleasant to wear, high level of breathability due to special knit technology at the hollow of the knee
- The physioglide hinge mimics the roll-glide movement of the knee and supports secure fit on the leg.
- The hinge design enables the wedges to be changed without using a tool
- Comprehensive set of wedges for flexible extension and flexion limitation including 5 degree hyperextension wedge
- Limitations:
 - Extension: -5°, 0°, 10°, 20°, 30°
 - Flexion: 0°, 10°, 20°, 30°, 45°, 60°, 75°, 90°
 - Immobilisation: 0°, 10°, 20°, 30°
- The knee brace is equipped with 0° extension wedges and 90° flexion wedges

- Strap setting aids for the 4-point principle. Advantage: No strap clasps on the back of the leg, this makes the brace more comfortable. (Strap setting aids are included within the scope of delivery).

2 Safety instructions

Important notes:

This medical device is made for single patient use only. If it is used for treating more than one patient, the manufacturer's product liability will become invalid. If undue pain or an unpleasant sensation develops while you are wearing the product, please consult your doctor or orthotist immediately. Do not wear the product over open wounds and use it only as instructed by your doctor or orthotist.

Only change the extension and flexion limits on instruction from your doctor or orthotist. In order to prevent hyperextension, always insert extension stops or 0° stops. The stops define the exact excursion of the orthosis. In difficult soft-tissue conditions, e.g. where the soft-tissues are under compression, it may be necessary to insert a larger stop to limit the joint movement to the desired excursion. In addition, make sure that the orthosis hinges are correctly positioned: the middles of the hinges should be in one line with the upper border of the patella. The hinge must lie behind the midline of the leg.

3 Storing conditions

Keep the product in a dry place and do not expose to direct sunlight.



4 Chemical substances

Contact with chemicals (e.g. benzole, methanol, salicylic acid in high concentrations) may have adverse actions on the effect of the product. Do not apply ointments or oils before putting on the product.

5 Care instructions

Please close the hook and loop fasteners before washing and remove the orthoses. Soap residues, lotions and ointments can cause skin irritation and material wear.

- Wash the product by hand, preferably using medi clean washing agent.

- Do not bleach.
- Leave to dry naturally.
- Do not iron.
- Do not dry clean



6 Packaging/Labeling

Product is sent out in folded box with CE mark und manufacturer address. Product and box labeled for clear identification and traceability.
Fitting instructions included.

7 Shelf Life

Expiration date for storage: 60 months

8 Disposal

The product can be disposed of in the domestic waste.



Please ensure a proper and suitable disposal of the used products to prevent any risk to human beings and the environment.