



mediroyal 

Orthoses are our passion

# RESTO<sup>®</sup> Functional Resting Hand Splints

## RESTO<sup>®</sup>



# RESTO®

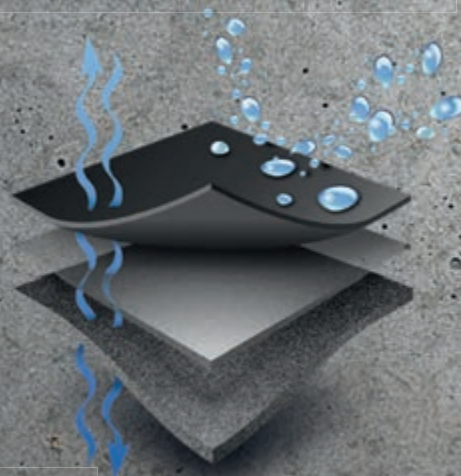
Mediroyal RESTO® is a new range of functional resting hand splints that can be adjusted easily and follow the progress of the patient during the rehabilitation phase. They have been designed for neurological disorders or for patients with inflammatory processes that need to be immobilized in a functional resting hand position during a shorter or longer period of time. It can also be used as a part of fracture treatment after the cast has been removed if further immobilization is needed.



The RESTO® hand splints have been designed with a core made from aluminium that has been laminated with NRX®, a CR-closed cell foam material, which provides pressure absorption and comfort. The core makes it possible to adjust the frame individually to the patient.

The thumb part of the RESTO® models is the same as for the DYFEX® splint, providing a higher and sturdier stability in functional positioning. The thumb part can be adjusted but you might need a tool for the fine adjustment as the metal core over this part has been reinforced.

The RESTO® products has the Neptune™ lining on the inside against the skin to help to control moisture build up in the splint. Neptune™ has a good absorption and dries quickly. With the new RESTO® products we are introducing the new hookless replaceable lining made from the self attaching ARX® Strap technology. The lining is machine washable in 60 degrees Celsius and is only attached on the RESTO® PLUS model.



## E25 RESTO® Basic

This model has a fixed Neptune™ inner lining for added comfort. It's soft and absorbs surface moisture and quickly dries to provide an optimal skin comfort. The complete splint can be machine washed in 40 degrees Celsius when using a laundry bag.

E25 is fitted with two straps with micro hook, around the wrist, one separate thumb strap and a strap for the finger platform.



### Measurement chart

E25 RESTO® Basic · Available in left or right model

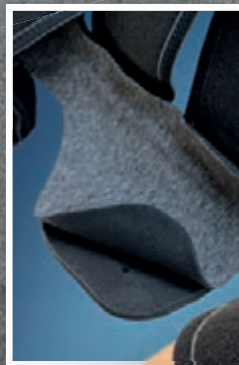
Size	X-Small	Small	Medium	Large	
MCP width	45–65 mm	60–75 mm	70–85 mm	85–95 mm	
Length of splint	26 cm	30 cm	34 cm	37 cm	

Measure hand width in mm over the MCP joints

# E26 RESTO® PLUS

The RESTO® PLUS is the more advanced model than the Basic version. It has an exchangeable lining with the Neptune™ material as top and the ARX® Strap hookless micro fiber on the back side. On the splint is the other hookless ARX® material is applied. This makes it possible to attach and remove the lining without using any hook/loop material. The lining provides a very low profile and adds a further cushioning effect and moisture control to enhance comfort.

The RESTO® PLUS version have the same strap construction as the Basic version but also incorporates an extra strap that can be applied to enhance the stability and to provide a more dynamic spring effect when the splint is loaded. The strap can be applied from the platform, either radial or ulnar, and run over the dorsal part of the wrist joint to be applied either on the radial or ulnar side of the forearm platform.



## Measurement chart

E26 RESTO® PLUS · Available in left or right model

Size	Small	Medium	Large	
MCP width	60–75 mm	70–85 mm	85–95 mm	
Length of splint	30 cm	34 cm	37 cm	

Measure hand width in mm over the MCP joints

## E26 RESTO® PLUS Extra Lining · 5-pack

The lining on the E26 RESTO® PLUS are exchangeable and can be ordered in 5-packs. The top surface is made from Neptune™ material and the opposite side is made from the ARX® Hookless microfiber. The extra lining can be machine washed at 60 degree Celsius.



### Extra Lining 5-pack

Size	Left	Art. no	Size	Right	Art.no
Small	👤	E26N-LS	Small	👤	E26N-RS
Medium	👤	E26N-LM	Medium	👤	E26N-RM
Large	👤	E26N-LL	Large	👤	E26N-RL

## E27 RESTO® Basic RHP


This model has the thumb in a resting position instead of a functional position as for the E25/E26. The inner lining is made from a fixed Neptune™ material added comfort. It's soft and absorbs surface moisture and quickly dries to provide an optimal skin comfort. The complete splint can be machine washed in 40 degrees Celsius when using a laundry bag.

E27 is fitted with two straps around the wrist, one separate thumb strap and a strap for the finger platform.



### Measurement chart

E27 RESTO® Basic RHP · Available in left or right model

Size	Small	Medium	Large	
MCP width	60–75 mm	70–85 mm	85–95 mm	
Length of splint	30 cm	34 cm	37 cm	

Measure hand width in mm over the MCP joints

# MR328 Mediroyal DYFEX®

This orthosis is developed by Mediroyal and patented in several countries. It combines a stable and adjustable resting hand splint with integrated inflatable bladders over the MCP-arch and the fingers to reduce spasticity. The orthosis has a stable frame made from aluminium that can be adjusted but are so stable that it can provide a spring extension effect when loaded.

The thumb part is sturdy and stable but yet adjustable.

The inflatable bladders are integrated under the MCP-arch and under the fingers to support and provide a dynamic extension over the fingers. The finger bladder has a dome shape to provide the fingers with a RIP position.

The textile surface on DYFEX® has a special pattern to optimize the air flow and ventilation over the skin. The foam material has a pressure absorbing and ventilated effect.

DYFEX® works excellent for patients with spasticity that requires an orthosis in functional positioning.

It also works excellent for patients that are undergoing treatment with Butolinum toxin since it can be fitted immediately before the first injection, then follow the progress during the treatment and bridge the gap between the next injections.



## Measurement chart

MR328 Mediroyal DYFEX® - Available in left or right model

Size	Small	Medium	Large	
MCP width	60–75 mm	70–90 mm	90–105 mm	
Length of splint	28 cm	32 cm	35 cm	

Measure hand width in mm over the MCP joints

## TON812-U Finger separation strap for TONUS™ & RESTO®

The finger separation strap for TONUS™ can also be used on the RESTO® hand splints. The finger loops are made from the breathable and soft Ventus™ material that provides maximum comfort for the patient. In each end of the strap there are NRX® micro hook parts that can be attached onto the inside of the platform.

If the patient tends to slide to the ulnar side you attach the radial strap first then securing the ulnar part. Once the straps are attached, the slight tension in combination with the stability in wrist flexion will position the patient in a reflex inhibitory position – RIP.



## NRX® Strap & RESTO®

The NRX® Strap is excellent to use together with the RESTO® splints to reach specific functions like supination of the forearm,

individual finger extension and thumb support. For more information on the NRX® Strap see our separate NRX®/ARX® Strap brochure.



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