

DYNASYST™

ORFITUBE™

ORFITUBE™ ENDS

SINGLE ORFITUBE™ ADJUSTER

GENERAL PRODUCT INFORMATION

ORFITUBE is a thermoplastic tube used as a guide and protective cover for elastic cord in custom-made applications. It can also function as a directional pulley.

ORFITUBE ENDS are metal caps with rounded edges designed to reduce friction on the elastic cord.

SINGLE ORFITUBE ADJUSTER is a synthetic fixation ring with a fastening plate that allows adjustment of the tube position within the application.

PRODUCT RANGE

The ORFITUBES have a length of 33 cm, an external diameter of 6,5 mm and an internal diameter of 3,3 mm.

ORFITUBE ENDS are 8 mm long and conically shaped on one side, so that they can be perfectly clasped onto the tube.

The SINGLE ORFITUBE ADJUSTER consists of a synthetic ring, provided with an Allen screw for fixation of the tube and an anchor socle made of sticky AQUAFITNS with stabilization ring at the back.

Art. No.	Product Description
35310	10 ORFITUBES + 2 bending rods
35315	75 m of polyester monofilament
35312	10 m of braided elastic No. 1 (200 g)
35313	10 m of No. 1 braided elastic (400 g)
35314	10 m of braided elastic No. 1 (600 g)
35311	ORFITUBE Kit (contains all of the above items)
35318	20 ORFITUBE end caps
35304	5 ORFITUBE SINGLE TUBE ADJUSTERS + 1 Allen wrench

PRECAUTIONS BEFORE USE

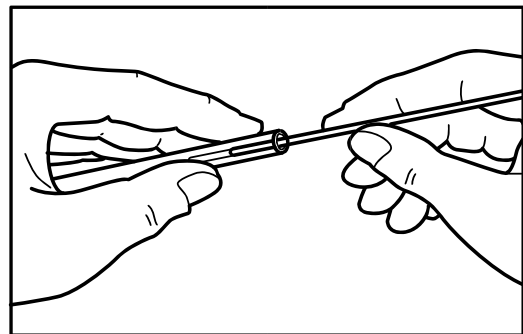
- Ensure the workplace is well ventilated.
- Use appropriate tools and ensure safe handling during preparation and assembly.
- Ensure a comfortable and stable working position during use.

⚠ Never use an open flame to activate ORFITUBE.

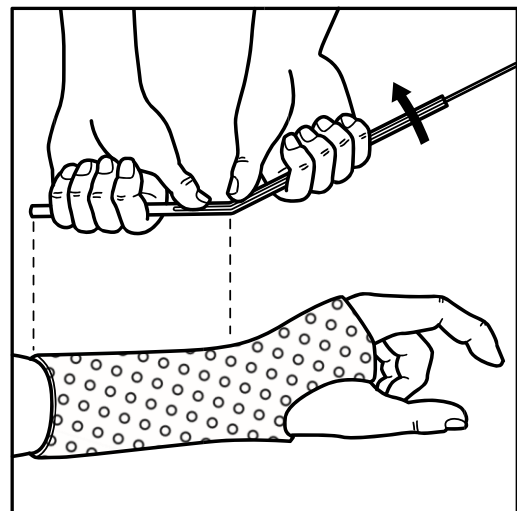
WORKING TECHNIQUE

FORMING

1. ORFITUBE can be cold-formed, provided that the internal cavity is filled. The supplied nylon rod is intended for this purpose.



Insert the rod beyond the area where the tube needs to be shaped (do not insert it completely into the tube) and bend the tube firmly.



2. Remove the rod from the curved section and, if necessary, create additional curves in the same way.

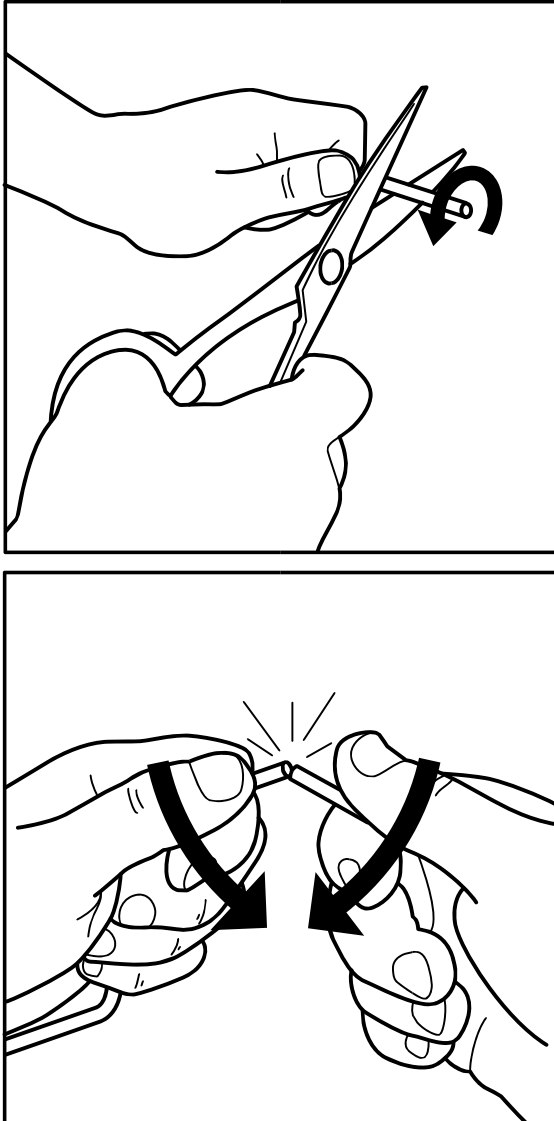
To straighten the tube, carefully heat ORFITUBE with a heat gun (art. no. 35351) at 150°C (302°F) until the tube returns to its original shape. Ensure uniform heating by continuously rotating the tube above the heat source. Overheating may cause blistering and significantly reduce rigidity. At higher

temperatures (250°C (482°F)), the material may decompose.

Remark: The tube may also be bent by heating. In this case, use the bending rod and avoid overheating the material.

CUTTING TO LENGTH

1. To cut ORFITUBE to the required length, score the tube and snap it.

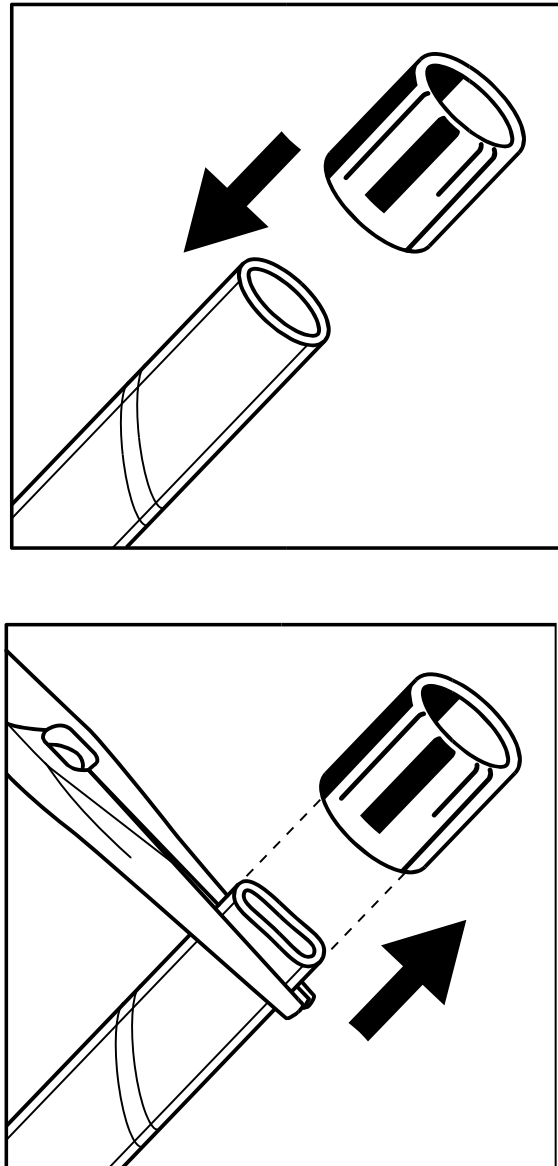


2. Place an ORFITUBE END (art. no. 35318) over the tube end to cover sharp edges (optional).

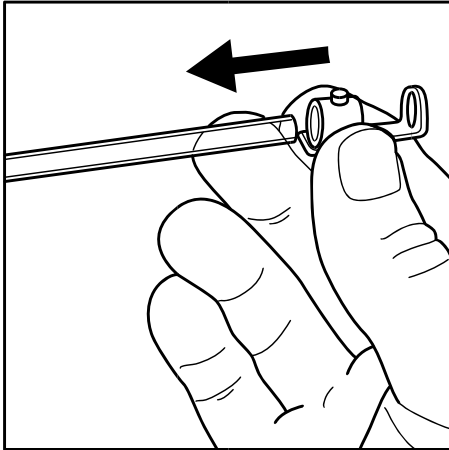
If the ORFITUBE END is loose, slightly flatten the tube end using pliers.

If no ORFITUBE END is used, bend the tube by 90° to prevent friction with the elastic element inserted into the tube.

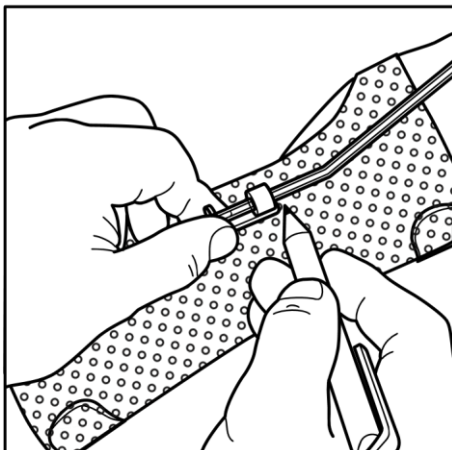
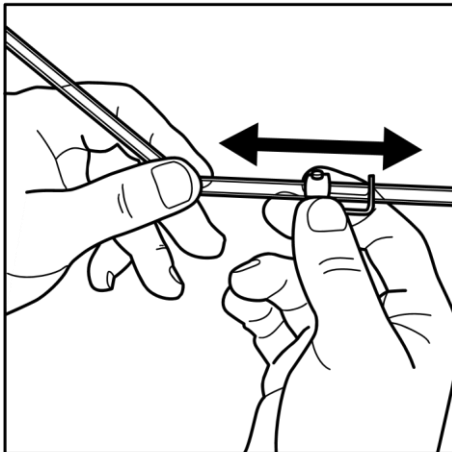
If required, smooth the inner edge using a conical grinder or bend the tube in the direction of the elastic pull.



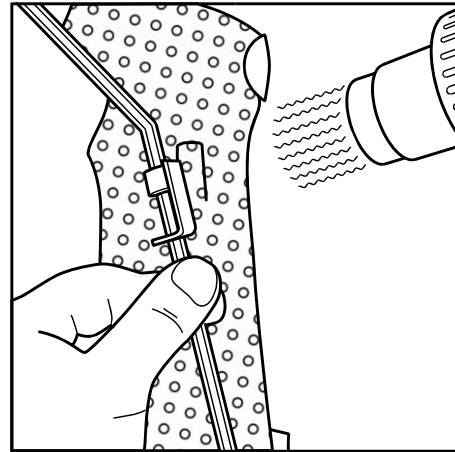
ATTACHING THE SINGLE ORFITUBE ADJUSTER TO THE SUPPORT (Optional)



1. Slide the SINGLE ORFITUBE ADJUSTER over the ORFITUBE.



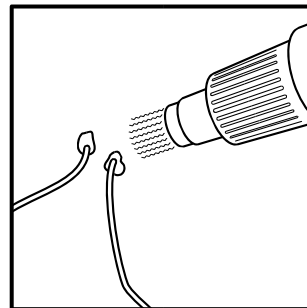
2. Mark the intended attachment location using a marker (art. no. 35003W (white) or 35003B (black)). Leave sufficient space to allow the tube to slide back and forth. Avoid placing the adjuster too close to corners or sharp transitions.



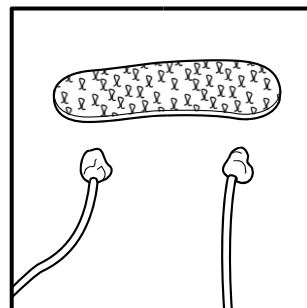
3. Heat the marked area and the bottom of the fastening base using a heat gun (art. no. 35351). Press the SINGLE ORFITUBE ADJUSTER firmly onto the support surface.

Elastic Traction Force

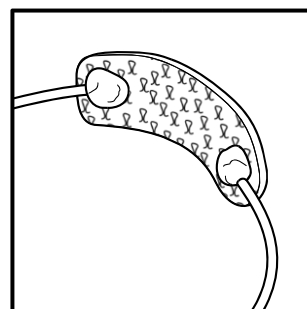
The traction force is provided by braided elastic (art. no. 35312, 35313, 35314).



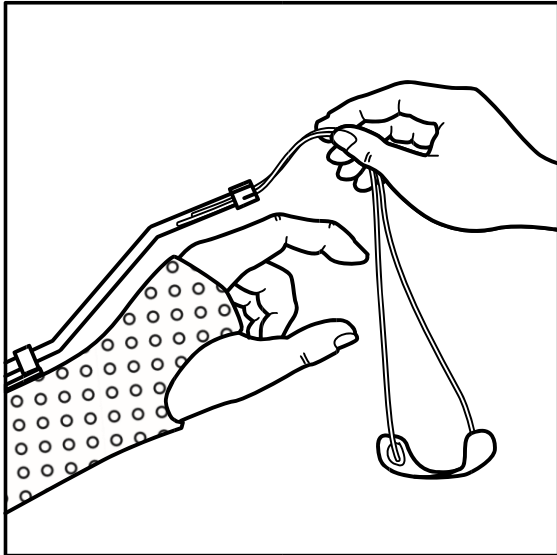
Cut the elastic to the desired length



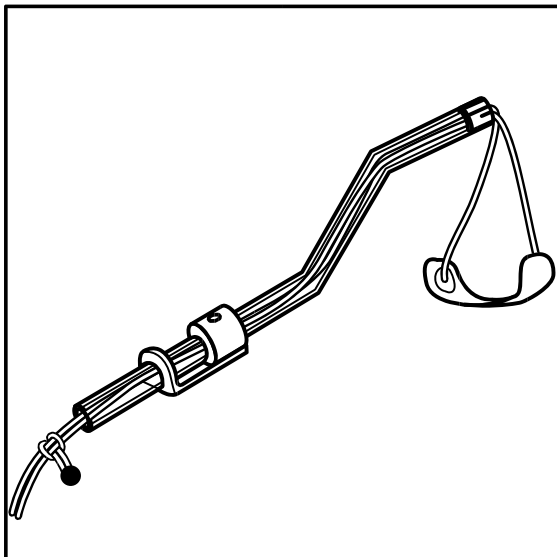
Tie a knot at both ends of the elastic band and wrap a bit of (dry) heated ORFIT around it.



Then stick these ends to the finger loop as quickly as possible. Flatten ORFIT to avoid pressure onto the skin.



The elastic is usually threaded into the ORFITUBE from distal to proximal. For thin elastic (art. no. 35312), a more rigid piece of string is tied to it to guide the elastic through the ORFITUBE.



The strength of the elastic can be adjusted by fastening a sliding knot at the elastic's free end.

MAINTENANCE

ORFITUBE components can be cleaned with lukewarm water and liquid soap, biological detergent, or toothpaste. Rinse thoroughly and dry completely.

⚠ If you are not sure about the cleaning agent, do not use it.

⚠ Do not use solvents or abrasive detergents.

ORFITUBE components are not suitable for autoclave sterilization.

WASTE MANAGEMENT

ORFITUBE components can be disposed of with normal household waste after use. Reusable components, such as ORFITUBE ends, the ORFITUBE adjuster, and Allen wrench, may be reused if they remain in suitable condition.

USER INFORMATION

The qualified professional responsible for the preparation, application, or integration of the product into the final application shall provide the user with appropriate information regarding its use, maintenance, and limitations. The user should follow the instructions provided for the correct use of the final application. Contact the qualified professional if adjustments, modifications, or further guidance are required.

STORAGE

- It is advised to store the product in a dark, cool, dry place in the original packaging at the temperature of min. 10°C (50°F) and max. 30°C (86°F).
- Do not lose the labels, They are crucial for product traceability.

GENERAL SAFETY ADVICE

- For external use only. Do not use it on open wounds or in the mouth.
- DYNASYST components may only be modified or incorporated by qualified professionals.

ADDITIONAL INFORMATION

For additional information, such as distributor contact information, product brochures, safety data sheets, and regulatory information, please visit our website at www.orfit.com

Note:

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