



SPLINTING MATERIALS



IMPROVING
THE QUALITY
OF DAILY LIFE



Orfit Industries develops and produces splinting materials that offer the highest possible performance to both therapists and patients in physical rehabilitation. We have been doing this for over twenty years!

We are truly the only service provider that invents innovative thermoplastic formulations and that uses the latest manufacturing techniques to make splinting materials that offer the best to you and your patients. All of our splinting materials are of the utmost quality and comply with uncompromising standards of safety and quality control.

Our goal is to provide you with solutions for all your splinting requirements.

All of our thermoplastic splinting materials are developed and produced in house to make sure that you receive exactly what you and your patients need. Our range of elastic and plastic

materials, as well as our innovative "light" products will help solve your most challenging cases.

We reach this goal through innovative R&D and manufacturing.

Our Research and Development team is dedicated to continuously developing new products as well as improving existing products and applications. We work in close collaboration with the most advanced rehabilitation centres throughout the world to make sure that our products and services meet your requirements.

Our state of the art production facilities feature highly advanced thermoplastic compounding and extrusion technology. We carefully control every production stage since it has a direct impact on how splinting materials perform in your daily practice. Rigorous quality control is crucial to ensure that



PHYSICAL REHABILITATION

all of our products are ideally suited to their purpose and your needs.

High quality standards reflect our way of thinking.

Splint applications in physical rehabilitation require accuracy and durability. The same goes for our production process. We are committed to providing excellent quality products that are available within the shortest deadlines. Our commitment is backed by compliance with ISO 9001 and ISO 13485 standards, as well as with European CE standards, FDA standards and many other national standards.

We are totally committed to safety and to preserving the environment.

All our thermoplastic materials are tested according to strict biocompatibility standards. They are all latex-free and biodegradable. We comply with the most stringent environmental standards throughout the production

process. And we don't stop there. All our product literature is printed on environmentally friendly paper. We comply with - Low Impact Printing".

We are committed to excellence in splinting education.

Orfit Industries is pleased to offer assistance for all of your splinting questions and patient concerns.

In addition, we also offer high quality splinting workshops to promote excellence in splinting education. We can customize a basic, intermediate or advanced workshop for your facility or organization. We also offer special rates for Occupational Therapy programs. Please call us today to schedule a free inservice to learn more about our products, or to plan a splinting workshop.

We have the answers to your most challenging splinting questions and we have tips and tricks to make splinting fun!

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EXTREMELY
COMFORTABLE
FOR YOUR PATIENT



ORFICAST™ is a trademark of and is manufactured by Orfit Industries

ORFICAST™ THERMOPLASTIC TAPE

CHARACTERISTICS

Thermoplastic knitted textile on a roll.

Comes in different widths and colours.

Excellent elasticity in two directions.

Excellent memory (lengthwise).

Thin and breathable fabric material.

Easy to cut.

Self-adhesive capacity, especially when dry heated.

HOW IT WORKS AND LOOKS

Tape roll allows to use circumferential wrapping and moulding technique.
Time saving. No need to make pattern.

Perfect size width(s) for small and larger orthoses.
Can accommodate different sized fingers and different orthotic designs.

Allows precise modelling conform to the patient anatomy, for example the webspace.

Orthoses can be remoulded when corrections are needed. Avoids waste of material.

Soft touch feeling and smooth edges.
Lightweight.
Allows ventilation.
Prevents maceration of the skin.
Excellent patient comfort and compliance.

Allows to easily cut small pieces to use as reinforcement of the orthoses when desired.

Overlapping seams are not perceptible on the inside.
Application of multiple layers raises rigidity and stability of the orthoses.

RECOMMENDED APPLICATIONS

Perfect to use in case of traumatic and orthopaedic conditions which require quick and easy immobilization orthoses.
Also recommended as first aid product in casting rooms and operating theatres.

All types of immobilization finger orthoses, and hand based wrist and thumb orthoses.

Precise modelling and snug fit prevent pressure points.

Allows to fabricate static progressive orthoses to regain range of motion.

Also recommended to use in case of fragile skin, for example for patients suffering a poly-arthritic condition.

Fabrication of larger orthoses will require dry heat for bonding.

The seams from overlapping that are visible on the outside are not perceptible on the inside which gives Orficast™ a very soft surface to the touch.

ORFICAST™ THERMOPLASTIC TAPE		BLUE
Art. No.	Description	
4030	1 roll - width: 3 cm, length: 3 m	
4031	1 box with 12 rolls - width: 3 cm, length: 3 m	
4032	1 roll - width: 6 cm, length: 3 m	
4033	1 box with 6 rolls - width: 6 cm, length: 3 m	



USA: Patent application N° 12/212,124 filed on September 17, 2008
Published on March 19, 2009 under N° 2009/0075542 - publication)

EU: Patent application No. 08164533.5 filed on September 17, 2008
Published on April 22, 2009 with No. 2050848)



ORFICAST™ is a trademark of and is manufactured by Orfit Industries

ORFICAST™ THERMOPLASTIC TAPE

CIRCULAR FINGER SPLINT



- 1 Activate ORFICAST™ in water of 65°C (149°F) during 1 minute. Dry heating is also possible.



- 2 Dry ORFICAST™ slightly. The tape can also be applied in wet condition.



- 3 Apply circularly from distal to proximal. Stretch the material slightly during application.



- 4 Overlap the material during folding. Make sure the overlapping does not cover more than half the size of the total width of the ORFICAST™ tape.



- 5 Finishing: Dry or wet heat the edges and fold down gently. Pressed material results in permanent attachment. Material not pressed: no permanent attachment (it is possible to loosen the layers).



- 6 Fixation of loop tape: dry heat ORFICAST™ locally with hot air and press firmly together.

THUMB SPLINT



- 1 Activate ORFICAST™ in water of 65°C (149°F) during 1 minute. Dry heating is also possible.



- 2 Application: apply circularly from distal to proximal. Stretch the material slightly during application.



- 3 Overlap the material during folding. Make sure the overlapping does not cover more than half the size of the total width of the ORFICAST™ tape.



- 4 Mould the material over the palmar side to conform to the anatomy and arches of the hand.



- 5 Mould material from the ulnar side to the radial side, over the dorsal part of the hand and back to the thumb and as such wrapping it around the hand.



- 6 Finishing: wet or dry heat the edges and fold down gently.

ORFICAST™ THERMOPLASTIC TAPE

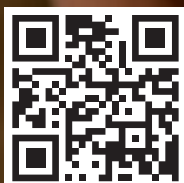
Art. No.	Description
4030/Z	1 roll width: 3 cm, length: 3 m
4031/Z	1 box with 12 rolls - width: 3 cm, length: 3 m

BLACK

Art. No.	Description
4032/Z	1 roll width: 6 cm, length: 3 m
4033/Z	1 box with 6 rolls - width: 6 cm, length: 3 m

A woman with long, wavy brown hair is looking off to the side. She is wearing a blue short-sleeved button-down shirt over a white top. She is holding a white clipboard with both hands, which are wearing white, perforated Orfit gloves. The background is a blurred indoor setting.

HIGH PERFORMANCE HANDLING



Orfit® is a registered trademark of and is manufactured by Orfit Industries

ORFIT® CLASSIC

CHARACTERISTICS

Transparent when activated.

Non-coated material.

Excellent stretch (1000 %) without tearing.

Full elastic memory (100 %).

Easy to trim edges.

Available in high stretch ("soft") version and low stretch ("stiff") version.

HOW IT WORKS AND LOOKS

Transparency indicates when the material is ready to mould. Allows for proper alignment and visual monitoring over anatomical landmarks.

Temporary adhesion during splint fabrication and reliable permanent bonding by using dry heat. Tackiness helps orthosis stay in place during fabrication. All attachments and outriggers can be adhered easily.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

Completely remouldable and can be adjusted easily after reheating locally.

Avoids waste of material.

Extreme patient comfort.
"Soft" version has less resistance to stretch and more drape.
"Stiff" version has increased resistance to stretch and less drape.

RECOMMENDED APPLICATIONS

Unlimited potential for the fabrication of all size splints with extra care and prevention of pressure points. Excellent as a base for different attachments.

"Soft" version recommended for: small finger orthoses, thumb orthoses, resting hand orthoses, wrist and wrist/thumb orthoses and circumferential designs.

"Stiff" version recommended for: large orthoses, long arm orthoses, AFO's and fracture and anti-spastic bracing.

ORFIT® CLASSIC SOFT			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
1.6 mm - 1/16"	non perfo	8332.SO1	
	micro perfo	8332.SO2	
2.0 mm - 1/12"	non perfo	8333.SO1	
	micro perfo	8333.SO2	
	micro plus perfo	8333.SO2+	
	maxi perfo	8333.SO3	
	mini perfo	8333.SO4	
2.5 mm - 3/32"	micro perfo	8338.SO2	
3.2 mm - 1/8"	non perfo	8334.SO1	8354.SO1
	maxi perfo	8334.SO3	8354.SO3
	mini perfo	8334.SO4	8354.SO4
4.2 mm - 3/16"	non perfo		8355.SO1
	mini perfo		8355.SO4
ORFIT® CLASSIC STIFF			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
3.2 mm - 1/8"	non perfo	8334.ST1	8354.ST1
	mini perfo	8334.ST4	8354.ST4
4.2 mm - 3/16"	non perfo		8355.ST1
	mini perfo		8355.ST4



NON PERFORATED



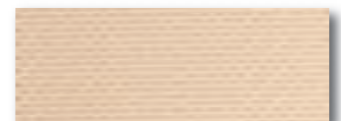
MINI PERFORATED



MAXI PERFORATED



MICRO PERFORATED



MICRO PLUS PERFORATED

A woman with long brown hair is sitting in a white bathrobe. She is looking down at a black smartphone in her hands. Her left wrist is wrapped in a white, textured medical brace. The background is a bright, out-of-focus window with vertical blinds.

COATED
FOR EASE
OF USE



ORFIT® NS

CHARACTERISTICS

Transparent when activated.

Excellent stretch (1000 %) without tearing.

Non-stick coated material.

Full elastic memory (100 %).

Easy to trim edges.

HOW IT WORKS AND LOOKS

Transparency indicates when the material is ready to mould. Allows for proper alignment and visual monitoring over anatomical landmarks.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

No accidental bonding. Coating allows for temporary bonding during fabrication. Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease. Prevents the material to stick onto bandages or cotton lining.

Completely remouldable and can be adjusted easily after reheating locally. Avoids waste of material.

Extreme patient comfort.

RECOMMENDED APPLICATIONS

Unlimited potential for fabrication of very large to very small orthoses.

Non-stick coating allows to mould directly onto bandages and cotton linings in post-surgical conditions.

Excellent material for the fabrication of hard shell pressure masks used to ensure excellent scar healing for the treatment of burned patients.

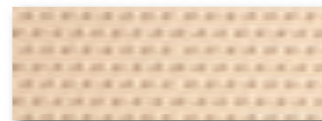
ORFIT® NS (NON-STICKY) SOFT			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 1/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
1.6 mm - 1/16"	non perfo	8332.S01/NS	
	micro perfo	8332.S02/NS	
2.0 mm - 1/12"	non perfo	8333.S01/NS	
	micro perfo	8333.S02/NS	
	micro plus perfo	8333.S02+/NS	
	maxi perfo	8333.S03/NS	
	mini perfo	8333.S04/NS	
2.5 mm - 3/32"	micro perfo	8338.S02/NS	
3.2 mm - 1/8"	non perfo	8334.S01/NS	8354.S01/NS
	maxi perfo	8334.S03/NS	8354.S03/NS
	mini perfo	8334.S04/NS	8354.S04/NS
4.2 mm - 3/16"	non perfo		8355.S01/NS
	mini perfo		8355.S04/NS
ORFIT® NS (NON-STICKY) STIFF			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 1/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
3.2 mm - 1/8"	non perfo	8334.ST1/NS	8354.ST1/NS
	mini perfo	8334.ST4/NS	8354.ST4/NS
4.2 mm - 3/16"	non perfo		8355.ST1/NS
	mini perfo		8355.ST4/NS



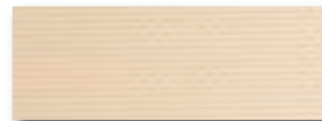
NON PERFORATED



MINI PERFORATED



MAXI PERFORATED



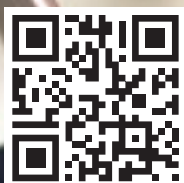
MICRO PERFORATED



MICRO PLUS PERFORATED

A woman with long, wavy blonde hair is shown in profile, looking down at a laptop. She is wearing a black long-sleeved top and blue jeans. On her left index finger, she has a white, textured Aquafit bandage. The background is a bright, out-of-focus indoor space with a window and some greenery.

THE BEAUTY OF CRYSTAL WHITE



AQUAFIT™ is a trademark of and is manufactured by Orfit Industries

AQUAFIT™ NS

CHARACTERISTICS

Transparent when activated.

Excellent stretch (1000 %) without tearing.

Non-stick coated material.

Excellent elastic memory (100 %).

Easy to trim edges.

Available in high stretch ("soft") version and low stretch ("stiff") version.

HOW IT WORKS AND LOOKS

Transparency indicates when the material is ready to mould. Allows for proper alignment and visual monitoring over anatomical landmarks.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

No accidental bonding.
Coating allows for temporary bonding during fabrication. Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease.
Aesthetically pleasing shiny white surface.
Prevents the material to stick onto bandages or cotton lining.

Completely remouldable and can be adjusted easily after reheating locally.
Avoids waste of material.

Extreme patient comfort.

"Soft" version has less resistance to stretch and more drape.

"Stiff" version has increased resistance to stretch and less drape.

RECOMMENDED APPLICATIONS

Unlimited potential for fabrication of very large to very small upper and lower extremity orthoses.

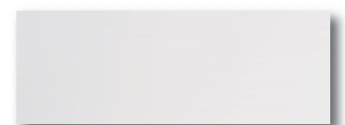
"Soft" small finger orthoses, thumb orthoses, hand orthoses, wrist, wrist /thumb, elbow orthoses, cervical collars, toe orthoses.

"Stiff": large orthoses, long arm orthoses, AFO's and fracture bracing (if applied circumferentially).

Non-stick coating allows to mould directly onto bandages and cotton linings in post-surgical conditions.

Excellent material for the fabrication of hard shell pressure masks used to ensure excellent scar healing for the treatment of burned patients.

AQUAFIT™ NS (NON-STICKY) SOFT			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
1.6 mm - 1/16"	non perfo	8632N.1/NS	
	micro perfo	8632N.2/NS	
2.4 mm - 3/32"	non perfo	8639N.1/NS	
	micro plus	8639N.2+/NS	
3.2 mm - 1/8"	non perfo	8634N.1/NS	
	macro perfo	8634N.6/NS	
	maxi perfo	8634N.3/NS	
	non perfo		8654N.1/NS
	macro perfo		8654N.6/NS
AQUAFIT™ NS (NON-STICKY) STIFF			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
3.2 mm - 1/8"	non perfo	8634N.ST1/NS	8654N.ST1/NS
	macro perfo	8634N.ST6/N	8654N.ST6/NS



NON PERFORATED



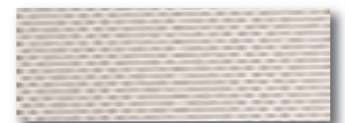
MACRO PERFORATED



MAXI PERFORATED



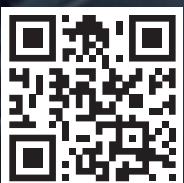
MICRO PERFORATED



MICRO PLUS PERFORATED

A woman with blonde hair and glasses, wearing a white polo shirt, is smiling and looking down at a white card she is holding. She is wearing a black, textured, sleeve-like splint on her left forearm, which has pink accents. The background is a blurred outdoor setting with greenery.

UP TO 30 %
LIGHTER THAN
OTHER SPLINTING
MATERIALS



ORFILIGHT® AND ORFILIGHT® BLACK NS

CHARACTERISTICS

Weighs 25 % to 30 % less than other materials.

Excellent stretch, slow elasticity.

Maximum stretch without tearing.

Moderate memory.

Soft velvet feel and easy to trim edges.

Orfilight Beige is not coated.

Orfilight Black NS has a non-stick coating.

Available in precuts as well.

HOW IT WORKS AND LOOKS

Creates lightweight orthoses, even in case of very large equipment designs.

Easy moulding of orthosis to anatomy.

Easy to handle and perfect control of material during moulding. Allows to be stretched sufficiently in order to position the material correctly and hold it in place during fabrication.

Material is completely remouldable.

Increased patient comfort.

Sticks easily to itself. All attachments and outriggers can be adhered with maximum ease.

Prevents the material to stick onto bandages or cotton lining.

Time-saving. Avoids waste of material.

RECOMMENDED APPLICATIONS

Excellent material choice for all types of small, medium and large orthoses.

Especially recommended for patients with loss of strength, for example, for elderly persons and pediatric and rheumatic treatments.

Lightweight base for all attachments.

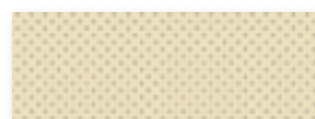
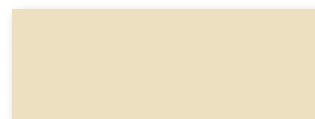
Ideal splinting material to fabricate post-surgical orthoses.

ORFILIGHT®			precuts
Description	Size	Material	Art. No.
Flexor Tendon Gliding Splint	small	2.5 mm - 3/32" micro perfo	35843/L
	medium	3.2 mm - 1/8" mini perfo	35844/L
	large		35845/L
Thumb Post Splint	small	1.6 mm - 1/16" micro perfo	35810/L
	medium		35811/L
	large		35812/L
Dorsal Wrist Cock-Up Splint	x-small	3.2 mm - 1/8" non perfo	35818/L
	small		35820/L
	medium		35821/L
	large		35822/L

ORFILIGHT®		sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"
1.6 mm - 1/16"	micro perfo	8332.2/L
2.5 mm - 3/32"	micro perfo	8338.2/L
3.2 mm - 1/8"	non perfo	8334.1/L
	mini perfo	8334.4/L

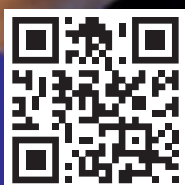
ORFILIGHT® BLACK NS (NON-STICKY)			precuts
Description	Size	Material	Art. No.
Thumb Post Splint	small	1.6 mm - 1/16" micro perfo	35810Z/L/NS
	medium		35811Z/L/NS
	large		35812Z/L/NS
Wrist + Thumb Splint	small	2.5 mm - 3/32" micro perfo	35814Z/L/NS
	medium		35815Z/L/NS
	large		35816Z/L/NS
Dorsal Wrist Cock-Up Splint	small	3.2 mm - 1/8" non perfo	35820Z/L/NS
	medium		35821Z/L/NS
	large		35822Z/L/NS

ORFILIGHT® BLACK NS (NON-STICKY)		sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"
1.6 mm - 1/16"	micro perfo	8332Z.2/L/NS
2.5 mm - 3/32"	micro perfo	8338Z.2/L/NS
3.2 mm - 1/8"	non perfo	8334Z.1/L/NS
	mini perfo	8334Z.4/L/NS



A woman with short dark hair and bangs, smiling, wearing a black top and a grey Orfit splint on her left forearm. She is holding a smartphone in her right hand, and white earphones are visible. The background is a soft, out-of-focus blue and purple gradient.

EXCITING COLOURS
FOR YOUR
SPLINTING NEEDS



ORFIT® COLORS NS

CHARACTERISTICS

Unique painter's palette of metallic and bright colours with a nice high gloss and shiny surface finish.

Non-stick coated material.

Excellent stretch (1000 %) without tearing.

Excellent elastic memory.

Easy to trim edges.

HOW IT WORKS AND LOOKS

Wide range of colours meets every patient's personal preferences, certainly children and sports athletes. Combined with a lot of other beneficial factors, this will improve the patient compliance.

Coating allows for temporary bonding during fabrication. Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease. Aesthetically pleasing surface. Prevents the material to stick onto bandages or cotton lining.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

Completely remouldable and can be adjusted easily after reheating locally. Avoids waste of material.

Extreme patient comfort.

RECOMMENDED APPLICATIONS

Unlimited potential for fabrication of very large to very small orthoses:

- Small finger orthoses,
- Thumb orthoses,
- Hand orthoses,
- Wrist,
- Wrist /thumb,
- Elbow orthoses,
- Cervical collars,
- Toe orthoses,
- Fracture braces (if applied circumferentially).

Small strips can be used as nice and colourful edging strip.



ORFIT® COLORS NS (NON-STICKY) COLOURS

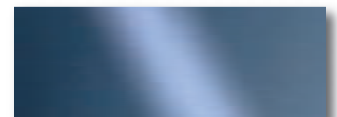
sheet material

Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"				
		violet	hot green	dominant black	dynamic red	ocean blue
2.0 mm - 1/12"	non perfo	8133PU.1/NS	8133GR.1/NS	8133Z.1/NS	8133R.1/NS	8133B.1/NS
	micro perfo	8133PU.2/NS	8133GR.2/NS	8133Z.2/NS	8133R.2/NS	8133B.2/NS

ORFIT® COLORS NS (NON-STICKY) METALLIC COLOURS

sheet material

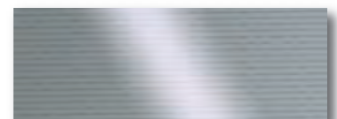
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"		
		sonic silver	atomic blue	gold
2.0 mm - 1/12"	non perfo	8133MG.1/NS	8133MB.1/NS	8133GO.1/NS
	micro perfo	8133MG.2/NS	8133MB.2/NS	8133GO.2/NS
3.4 mm - 1/8"	non perfo	8134MG.1/NS	8134MB.1/NS	8134GO.1/NS
	mini perfo	8134MG.4/NS	8134MB.4/NS	8134GO.4/NS



NON PERFORATED



MINI PERFORATED



MICRO PERFORATED



ORFIT® COLORS NS
NOW AVAILABLE
IN PRECUTS



Orfit® is a registered trademark of and is manufactured by Orfit Industries

ORFIT® COLORS NS PRECUTS

CHARACTERISTICS

Unique painter's palette of metallic and bright colours with a nice high gloss and shiny surface finish.

Non-stick coated material.

Excellent stretch (1000 %) without tearing.

Excellent elastic memory.

Easy to trim edges.

Available in 4 designs, in 4 different colours and 3 sizes(S-M-L) all made of 2mm micro perforated material.

Quick and easy fabrication.

Easy to trim.

HOW IT WORKS AND LOOKS

Wide range of colours meets every patient's personal preferences, certainly children and sports athletes. Together with a lot of other beneficial factors, this will improve the patient compliance.

Coating allows for temporary bonding during fabrication. Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease Aesthetically pleasing surface. Prevents the material to stick onto bandages or cotton lining.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

Completely remouldable and can be adjusted easily after reheating locally. Avoids waste of material.

Extreme patient comfort.
Can accommodate to all size wrists.

Optimal skin ventilation.

Time-saving.

Length can be adjusted

RECOMMENDED APPLICATIONS

Excellent choice to fabricate following hand orthoses:

Hand-based thumb,
Complete thumb,
Wrist,
Wrist /thumb.

**Gauntlet Thumb Post Splint
Atomic Blue**



**Complete Thumb Splint
Ocean Blue**



**Gauntlet Immobilization Splint
Sonic Silver**



**Wrist + Thumb Splint
Dominant Black**



GAUNTLET THUMB POST SPLINT

Size	Ocean Blue	Atomic Blue	Sonic Silver	Dominant Black
S	35810B/NS	35810MB/NS	35810MG/NS	35810Z/NS
M	35811B/NS	35811MB/NS	35811MG/NS	35811Z/NS
L	35812B/NS	35812MB/NS	35812MG/NS	35812Z/NS

COMPLETE THUMB SPLINT

Size	Ocean Blue	Atomic Blue	Sonic Silver	Dominant Black
S	35900B/NS	35900MB/NS	35900MG/NS	35900Z/NS
M	35901B/NS	35901MB/NS	35901MG/NS	35901Z/NS
L	35902B/NS	35902MB/NS	35902MG/NS	35902Z/NS

GAUNTLET IMMOBILIZATION SPLINT

Size	Ocean Blue	Atomic Blue	Sonic Silver	Dominant Black
S	35830B/NS	35830MB/NS	35830MG/NS	35830Z/NS
M	35831B/NS	35831MB/NS	35831MG/NS	35831Z/NS
L	35832B/NS	35832MB/NS	35832MG/NS	35832Z/NS

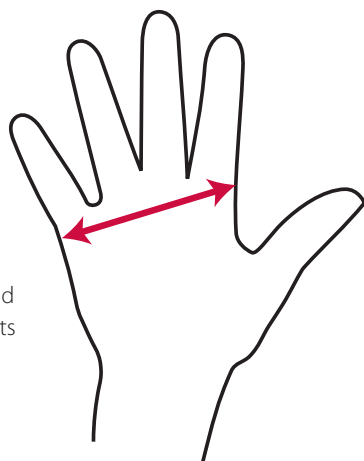
WRIST + THUMB SPLINT

Size	Ocean Blue	Atomic Blue	Sonic Silver	Dominant Black
S	35814B/NS	35814MB/NS	35814MG/NS	35814Z/NS
M	35815B/NS	35815MB/NS	35815MG/NS	35815Z/NS
L	35816B/NS	35816MB/NS	35816MG/NS	35816Z/NS



SIZING:

Measure the total hand width at the MCP joints



60-70 mm - 2 1/5" - 2 3/4" = **small**
 80-90 mm - 3 1/8" - 3 1/2" = **medium**
 100-110 mm - 4" - 4 3/10" = **large**

GAUNTLET THUMB POST SPLINT



35810 (small)
 35811 (medium)
 35812 (large)

(1.6 mm - 1/16" micro perfo, soft)

This splint gives an extremely comfortable immobilization and stabilization of the complete thumb column. It can serve for the treatment of teno-Synovitis, rheumatoid arthritis, basal joint osteoarthritis, thumb sprain and pre- or post-operative thumb management.

COMPLETE THUMB SPLINT



35900 (small)
 35901 (medium)
 35902 (large)

(2.0 mm - 1/12" micro perfo, soft)

Intended for acute cases. The dorsal part at the level of the thumb prevents hyperextension of the distal phalanx. This part can easily be cut away when necessary.

WRIST + THUMB SPLINT

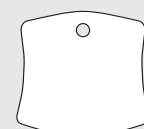


35814 (small)
 35815 (medium)
 35816 (large)

(2.0 mm - 1/12" micro perfo, soft)

A traditional wrist and thumb immobilization splint for very acute joint and tendon inflammations. This splint gives full comfort thanks to its circumferential design and long lever.

GAUNTLET IMMOBILIZATION SPLINT



35830 (small)
 35831 (medium)
 35832 (large)

(2.0 mm - 1/12" micro perfo, soft)

A complete immobilization splint for the wrist. Due to its light weight and small size, it is very comfortable, very supportive and also extremely strong and durable.

ORFIT® CLASSIC PRECUTS - HAND SPLINTS

DORSAL COCK-UP SPLINT



35818 (x-small)
35820 (small)
35821 (medium)
35822 (large)

(3.2 mm - 1/8" non perfo, stiff)

A most functional splint for most wrist complaints, especially for flaccid palsy. Very suitable as a basic splint to receive low profile extension outriggers. Produced in 4 sizes, one of which is for children (hand width: 40-50 mm).

INTRINSIC RESTING HAND SPLINT



35850 (small)
35851 (medium)
35852 (large)

(3.2 mm - 1/8" non perfo, soft)

A splint design for management of a variety of hand problems.

ANTI-SPASTIC SPLINT + THUMB PIECE



35870 (small)
35871 (medium)
35872 (large)

(3.2 mm - 1/8" non perfo, stiff)

The purpose of this splint is to maintain the long flexor muscles stretched in order to inhibit the hypertonicity.

INTRINSIC ANTI-SPASTIC HAND SPLINT



35910 (small)
35911 (medium)
35912 (large)

(3.2 mm - 1/8" mini perfo, stiff)

This splint has a radial bar for added strength on the radial side of the splint, ideal for patients with spasticity.

RHEUMATOID ARTHRITIS RESTING SPLINT

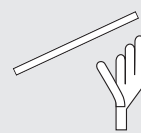


35840 (small)
35841 (medium)
35842 (large)

(3.2 mm - 1/8" mini perfo, soft)

A specific design for preventive and corrective splinting of the stereotype rheumatoid hand. Both antero-posterior and latero-lateral deformities of wrist and fingers, as well as thumb deformities, are easily realigned.

ULNAR DRIFT SPLINT



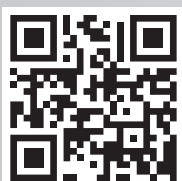
35817KL (left)
35817KR (right)

(3.2 mm - 1/8" non perfo, stiff)

The most realistic and functional ulnar drift splint for rheumatoid arthritis hands in the early stage.



QUICK
AND EASY
TO DO



Orfit® is a registered trademark of and is manufactured by Orfit Industries

ORFIT® STRIPS

CHARACTERISTICS

Precut strips of Orfit® Colors NS.

Non-stick coated material.

Smooth edges cut by machine.

Available in two widths and two thicknesses.

HOW IT WORKS AND LOOKS

No waste of material.
Lightweight and beautiful splints.
Choice in colour according patient preferences.

No accidental bonding.
Dry heat provides a permanent bond.
Can be adhered where desired.

Quick finishing of the orthoses.

Choice of material thickness according to the required resistance to force.

RECOMMENDED APPLICATIONS

Quick and easy small corrective finger and hand orthotic designs.
Multiple application possibilities, for example, anti-swan orthosis, anti-claw orthosis, ...

Wrap around functional aids objects to increase their size.

Can be adhered to other orthoses to increase rigidity.



ORFIT® STRIPS				sheet material
Thickness (mm-inch)	Pieces / Colour	Design	45 cm x 0.5 cm	45 cm x 2 cm
2.0 mm - 1/12"	10 x Sonic Silver	thin	8113MG.1/NS	
	10 x Gold	thin	8113GO.1/NS	
	5 x Sonic Silver - 5 x Gold	thin	8113GOMG.1/NS	
3.4 mm - 1/8"	10 x Gold	wide		8124GO.1/NS
	10 x Atomic Blue	wide		8124MB.1/NS
	5 x Gold - 5 x Atomic Blue	wide		8124MBGO.1/NS

A woman with long, dark, wavy hair is smiling and talking on a black smartphone. She is wearing a red V-neck top over a black undergarment. On her right forearm, she is wearing a white, mesh-like medical brace with four black straps. The background is a blurred outdoor setting with green foliage.

A UNIQUE
TRANSPARENCY
AND SOFTNESS!



ORFIT® CRYSTAL NS

CHARACTERISTICS

Transparent material during moulding and at room temperature.

Non-stick coated material.

More flexible material than average thermoplastics, which offers comfortable support.

Slightly higher than average activation temperature (80°C-176°F). Requires a full 5 minutes to become activated.

Low elastic memory.

Lightweight material.

Easy to cut with regular scissors.

Easy to clean.

HOW IT WORKS AND LOOKS

Allows observation of underlying anatomy while moulding. Easy to detect pressure points. Less noticeable than opaque materials.

Prevents the material to stick onto bandages or cotton lining. Bonds to itself with dry heat and pressure after removing the coating.

The flexibility avoids to fully immobilize the patient. The orthoses serves as a call to order to maintain a correct position and prevent dangerous movements.

Cools down in a few minutes. Orthoses can be finished quickly.

Small corrections can be made after reheating locally.

Excellent patient comfort.

Patterns can be cut with regular scissors without pre-heating!

RECOMMENDED APPLICATIONS

Perfect material to fabricate proprioceptive and supportive orthoses, especially when resuming daily life activities during and after the recovery process.

Specifically recommended to make circumferential orthoses offering a soft and flexible support, for example lightweight sports braces.

Orthoses to monitor healing wounds and scars. Can be used as a well conforming interface between the burned skin and a hard shell pressure mask.

ORFIT® CRYSTAL NS		sheet material	
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
2.5 mm - 3/32"	non perfo	1438.1/NS	1458.1/NS
	maxi perfo	1438.3/NS	1458.3/NS
3.0 mm - 1/8"	non perfo	1434.1/NS	1454.1/NS
	maxi perfo	1434.3/NS	1454.3/NS



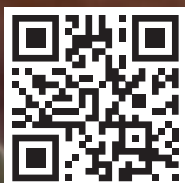
NON PERFORATED



MAXI PERFORATED



THE PERFECT
SOLUTION FOR
TIGHT BUDGETS!



Orfit® is a registered trademark of and is manufactured by Orfit Industries

ORFIT® ECO

CHARACTERISTICS

Orfit Eco is a non-coated material.

Offers excellent rigidity and has excellent resistance to fingerprints.

High resistance to stretch and low drape.

Low to moderate elastic memory.

High quality recycled material.

Beautiful smooth surface finish.

HOW IT WORKS AND LOOKS

A temporary bond can be used during the moulding process to keep the material in place. No risk for accidental bonding.
Permanent bond only when desired by dry heating.

Allows to apply pressure during the fabrication of the orthosis.
Easy handling and control of material during moulding.

Very strong material which holds its shape perfectly against increased tone.
The combination of the moulding capacity and a precise pattern design allows to mould conform to patient anatomy.

Orthoses are completely remouldable.
Avoids waste of material.

Ecological material.

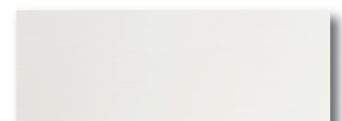
RECOMMENDED APPLICATIONS

Excellent rigidity for large orthoses requiring full support:
Knee and foot orthoses,
Body jackets,
Back supports.

Specifically recommended to fabricate anti-spastic orthoses.

Perfect to mould directly onto bandages and cotton linings in post-surgical conditions.

ORFIT® ECO		sheet material	
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
2.4 mm - 3/32"	non perfo	8938N.1	
	mini perfo	8938N.4	
3.2 mm - 1/8"	non perfo	8934N.1	8954N.1
	mini perfo	8934N.4	8954N.4



NON PERFORATED



MINI PERFORATED



HIGH
PERFORMANCE,
GREAT VALUE!



Orfit® is a registered trademark of and is manufactured by Orfit Industries

ORFIT® ECO BLACK NS

CHARACTERISTICS

Orfit Eco Black NS is a non-stick coated material.

Offers excellent rigidity and has excellent resistance to fingerprints.

High resistance to stretch and low drape.

Low to moderate elastic memory.

High quality recycled material.

Beautiful and smooth surface finish.

HOW IT WORKS AND LOOKS

A temporary bond can be used during the moulding process to keep the material in place. No risk for accidental bonding. Permanent bond only when desired by dry heating and after removal of the coating.

Allows to apply pressure during the fabrication of the orthosis. Easy handling and control of material during moulding.

Very strong material which holds perfectly its shape against increased tone.
The combination of the moulding capacity and a precise pattern design allows to mould conform to patient anatomy.

Orthoses are completely remouldable. Avoids waste of material.

Ecological material.

RECOMMENDED APPLICATIONS

Excellent rigidity for large orthoses requiring full support:
Knee and foot orthoses,
Body jackets,
Back supports.

Specifically recommended to fabricate anti-spastic orthoses.

Non-stick coating allows to mould directly onto bandages and cotton linings in post-surgical conditions.

ORFIT® ECO BLACK NS			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
2.4 mm - 3/32"	non perfo	8938Z.1/NS	
	mini perfo	8938Z.4/NS	
3.2 mm - 1/8"	non perfo	8934Z.1/NS	8954Z.1/NS
	mini perfo	8934Z.4/NS	8954Z.4/NS



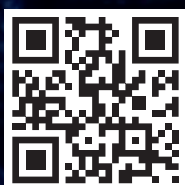
NON PERFORATED



MINI PERFORATED

A woman with long blonde hair, smiling, wearing a dark blue sweater over a white top. She is holding a glass of white wine in her right hand, which is wearing a white, rigid, textured brace. The brace has several white straps with buckles. The background is a blurred indoor setting with warm lighting.

STRONG
AND RIGID
SUPPORT



TECNOFIT® is a registered trademark of and is manufactured by Orfit Industries

TECNOFIT®

CHARACTERISTICS

Transparent when activated.

Excellent stretch (1000 %) without tearing.

Non-coated material.

Excellent elastic memory (100 %).

Easy to trim edges.

HOW IT WORKS AND LOOKS

Transparency indicates when the material is ready to mould. Allows for proper alignment and visual monitoring over anatomical landmarks.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

Temporary adhesion during splint fabrication and reliable permanent bonding by using dry heat. Tackiness helps orthosis stay in place during fabrication. All attachments and outriggers can be adhered easily. Aesthetically pleasing shiny white surface.

Completely remouldable and can be adjusted easily over reheating locally. Avoids waste of material.

Extreme patient comfort.

RECOMMENDED APPLICATIONS

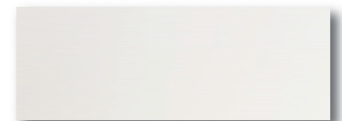
Unlimited potential for the fabrication of all size splints with extra care and prevention of pressure points.

Thumb orthoses, Hand orthoses, Wrist, Wrist /thumb, Elbow orthoses, Cervical collars, Body jackets.

Large orthoses, long arm orthoses, AFO's and fracture bracing.

Excellent as a base for different attachments.

TECNOFIT®		sheet material	
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
2.5 mm - 3/32"	non perfo	8738.1	
	maxi perfo	8738.3	
	mini perfo	8738.4	
3.2 mm - 1/8"	non perfo	8734.1	8754.1
	mini perfo	8734.4	8754.4



NON PERFORATED



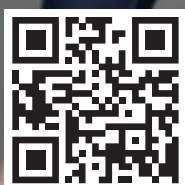
MINI PERFORATED



MAXI PERFORATED

A woman with dark hair is walking on a city street. She is wearing a light grey t-shirt, dark blue leggings, and a white and black knee brace on her right leg. A dark jacket is draped over her shoulders. In the background, there are blurred cars and buildings. An orange rectangular box is overlaid on the right side of the image, containing the text "BACK TO ACTION, AS SOON AS POSSIBLE...".

BACK TO ACTION,
AS SOON AS
POSSIBLE...



ORFIBRACE™

CHARACTERISTICS

High resistance to stretch and low drape.

High rigidity.

Moderate memory.

Non-stick coated material.

Excellent resistance to fingerprints.

Smooth surface finish.

Easy to trim and smooth edges.

HOW IT WORKS AND LOOKS

Easy handling and control of material during moulding.

Very strong material which holds perfectly its shape against increased tone.
Excellent for all mechanical attachments.

Remouldable. Splints can be adjusted easily after local reheating.

Coating eliminates accidental bonding.
Material will not stick during moulding onto bandages.

Allows to apply pressure during the fabrication of the orthosis.

Comfortable and pleasant surface feel, which stimulates patient compliance.

RECOMMENDED APPLICATIONS

Ideal for all large and rigid orthoses.

Well-suited for trunk corsets, ankle supports, elbow, forearm and wrist orthoses.

Ideal material for permanent bracing.

Excellent material to fabricate anti-spasticity orthoses.

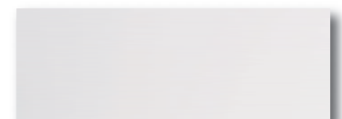
Ideal to mould onto positive plaster moulds protected by a cotton lining.



Available
in pre-cuts

Ankle-Foot Orthosis (A.F.O.),
flexible and reliable independence for your patient.
No risk of pressure wounds at the heel.

ORFIBRACE™		sheet material	
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
3.0 mm - 1/8"	non perfo		8854.1
	macro perfo		8854.6
ORFIBRACE™		AFO precuts	
Size	Age / Shoe sizes (Eur)	Art. no.	
XX-small	0-10 age	35980/OB	
X-small	10-15 age	35981/OB	
Small	37-39 size	35982/OB	
Medium	40-42 size	35983/OB	
Large	43-45 size	35984/OB	



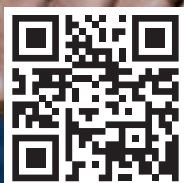
NON PERFORATED



MACRO PERFORATED

A woman with long, wavy brown hair and blue eyes, wearing a blue t-shirt, is leaning on a wooden railing. She is looking off to the side with a slight smile. On her left forearm, she is wearing a white, custom-molded Orfit brace. The background is a soft-focus green landscape.

EASILY
MADE, FITS
PERFECTLY!



ORFIT® FLEX

CHARACTERISTICS

High drapability and high rigidity.

Non-coated material.

Low resistance to stretch.

Long working time.

Minimal elastic memory.

Soft touch velvet feeling.

Less UV sensitive.

HOW IT WORKS AND LOOKS

Contours easily to the anatomy. High precision contouring prevents pressure points. Use gravity assisted positions in order to make larger orthoses. Well-fitting and comfortable orthoses.

Temporary bonding possible during the moulding. Permanent bonding is achieved with dry heat.

Minimal handling required.

Allows to take extra care of correct positioning.

Easy handling.

Increased patient comfort and compliance.

Long lasting and aesthetically pleasing surface finish.

RECOMMENDED APPLICATIONS

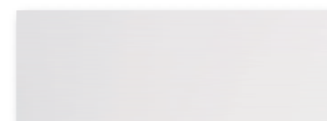
Excellent to make dorsal gutters without putting pressure onto the articulations.

All orthoses where excellent support and intimate fit are required.

Suitable to fabricate corrective orthoses which demand high precision moulding.

Especially recommended for the treatment of rheumatic conditions.

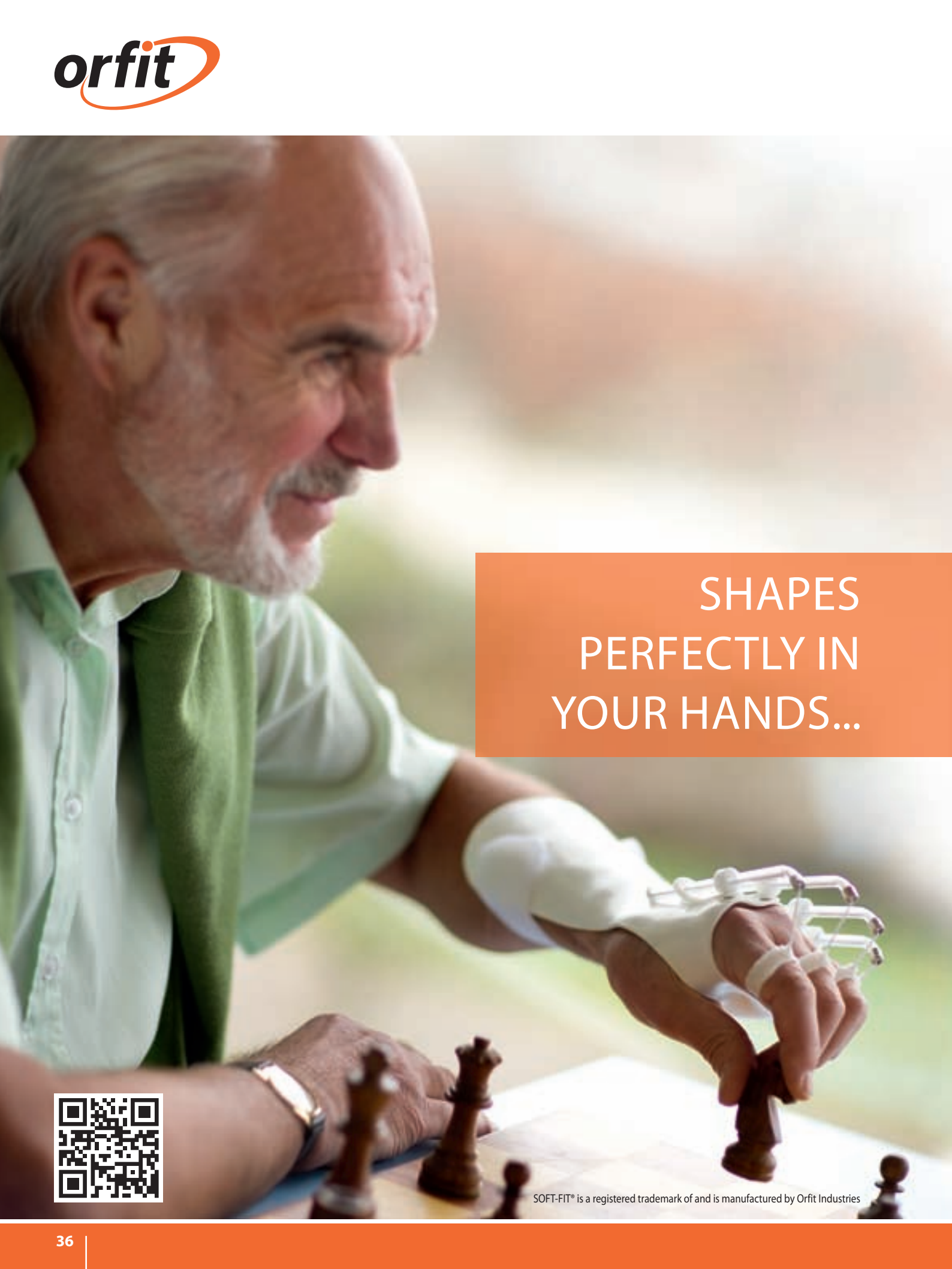
ORFIT® FLEX			
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
2.4 mm - 3/32"	non perfo	1338.1	
	macro perfo	1338.6	
3.2 mm - 1/8"	non perfo	1334.1	1354.1
	macro perfo	1334.6	1354.6



NON PERFORATED



MACRO PERFORATED

A close-up, side-profile photograph of an older man with white hair and a beard, wearing a light green button-down shirt and a green vest. He is seated at a table, focused on a chess game. His right arm is a white, multi-jointed prosthetic limb with visible mechanical components and thin wires. He is using his prosthetic hand to move a dark wooden chess piece. His left hand, wearing a gold watch, rests on the chessboard. The background is a soft-focus indoor setting with warm lighting.

SHAPES
PERFECTLY IN
YOUR HANDS...



SOFT-FIT® is a registered trademark of and is manufactured by Orfit Industries

SOFT-FIT® NS

CHARACTERISTICS

High drape and low resistance to stretch.

Non-stick coated material.

Excellent rigidity.

Excellent memory.

Shiny smooth surface.

HOW IT WORKS AND LOOKS

Contours easily to the anatomy. High precision contouring prevents pressure points around bony prominences. Use gravity assisted positions in order to make larger orthoses. Well-fitting and comfortable orthoses. Easy handling.

No accidental bonding.
Coating allows for temporary bonding during fabrication. Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease.
Prevents the material from sticking onto bandages or cotton lining.

Suitable for the fabrication of large orthoses.

Complete remoulding is possible.

Aesthetically pleasing scratch-free surface.

Long lasting and aesthetically pleasing surface finish.

RECOMMENDED APPLICATIONS

For the fabrication of orthoses where intimate conformability and high precision is required.

Excellent to make dorsal gutters without putting pressure onto the articulations.

Non-stick coating allows to mould directly onto bandages and cotton linings in post-surgical conditions.

SOFT-FIT® NS (NON-STICKY)			sheet material
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
3.0 mm - 1/8"	non perfo	8434.1/NS	8454.1/NS
	mini perfo	8434.4/NS	8454.4/NS



NON PERFORATED



MINI PERFORATED

A woman with short, curly brown hair, smiling and looking to the right. She is wearing a green long-sleeved shirt and a black strap over her shoulder. She is holding a blue water bottle in her left hand and a white Orfit brace with pink straps on her right arm. The background is a blurred outdoor setting with wooden steps.

A "NEW CLASSIC" MADE BETTER BY ORFIT INDUSTRIES



Orfit® is a registered trademark of and is manufactured by Orfit Industries

ORFIT® EASE

CHARACTERISTICS

High drape and high rigidity.

Moderate resistance to stretch and non-elastic behavior.

Non-coated sticky material.

Minimal elastic memory.

Soft touch feeling and easy to trim edges.

Less UV sensitive.

HOW IT WORKS AND LOOKS

Contours easily to the anatomy. High precision contouring prevents pressure points. Use gravity assisted positions in order to make larger orthoses. Well-fitting and comfortable orthoses.

Minimal handling required. Easy to control during fabrication.

Temporary bonding possible during the moulding. Permanent bonding is achieved with dry heat.

Small corrections can be made after reheating locally.

Increased patient comfort and compliance.

Long lasting and aesthetically pleasing surface finish.

RECOMMENDED APPLICATIONS

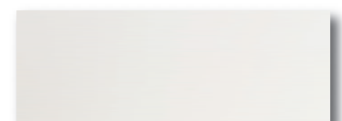
All orthoses where excellent support and intimate fit are required.

Excellent to make dorsal gutters without putting pressure onto the articulations.

Base for mobilization orthoses.

Especially recommended for the treatment of rheumatic conditions.

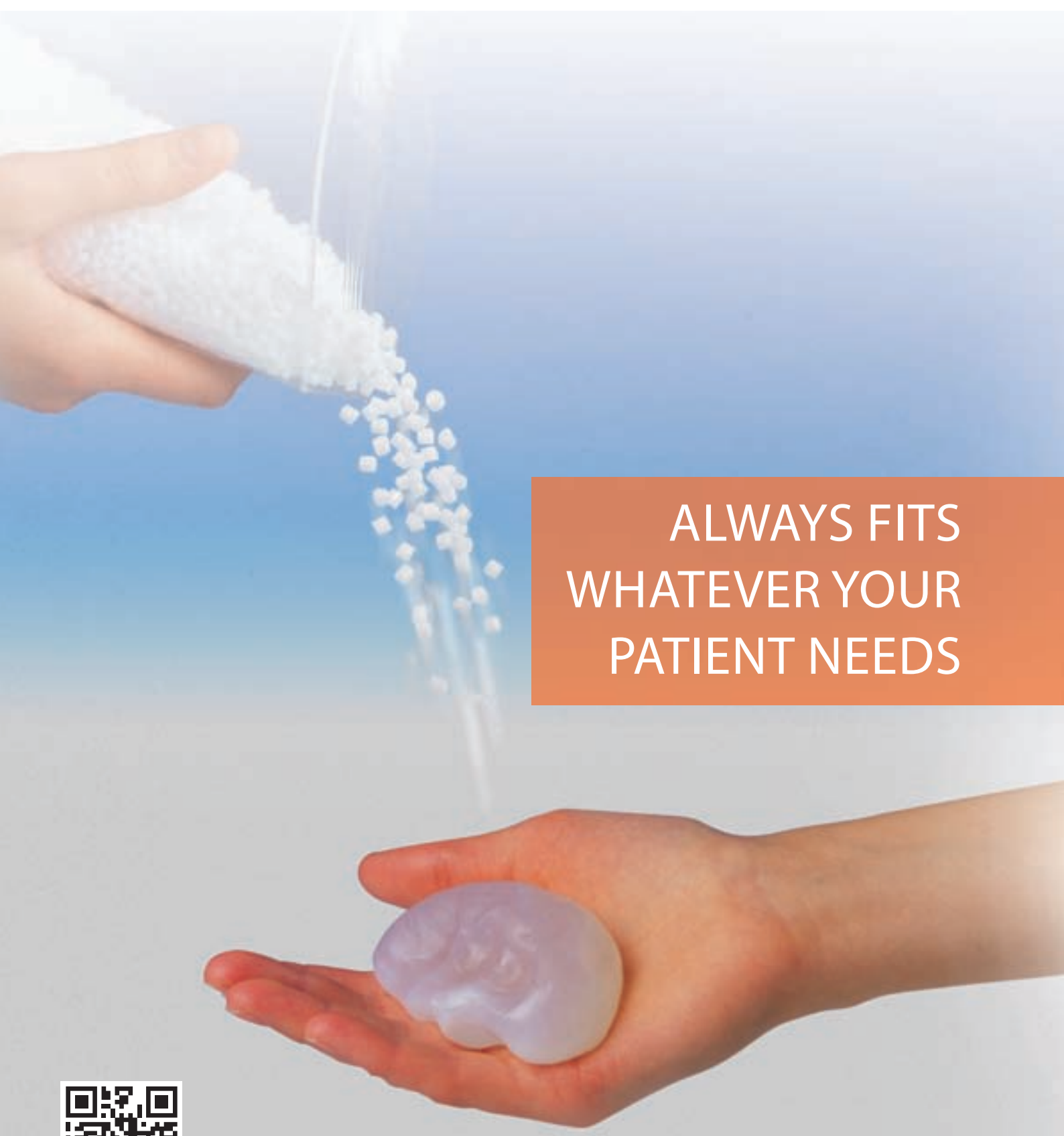
ORFIT® EASE		sheet material	
Thickness (mm-inch)	Perforation types	45 cm x 60 cm • 17 11/16" x 23 5/8"	60 cm x 90 cm • 23 5/8" x 35 3/8"
3.2 mm - 1/8"	non perfo	1234.1	1254.1
	macro perfo	1234.6	1254.6



NON PERFORATED



MACRO PERFORATED

A hand is shown pouring a stream of small, white, spherical granules from a white container into a purple, translucent, dome-shaped mold held in another hand. The background is a clear blue sky.

ALWAYS FITS
WHATEVER YOUR
PATIENT NEEDS



ALLFIT™ is a trademark of and is manufactured by Orfit Industries

ALLFIT™

CHARACTERISTICS

Small pellets of thermoplastic material.

Convenient size bags for multiple applications.

Quick activation time (1 minute).

Transparent when activated, white when cooled.

Pellets simply stick together uniformly and stick very well to other surface objects.

HOW IT WORKS AND LOOKS

No need to cut small scraps from larger sheets.

Easy to keep preserve and on stock.

Fast and easy to use and no need for special training.

Indicates when the material is ready to mould.
Pleasing neutral colour.

Quick melting time and quick adherence around objects.
Easy to mould into desired shape.
Smooth surface all around for increased patient comfort.

RECOMMENDED APPLICATIONS

Change the shape of any appliance or utensil handle.

Add additional components to orthoses.

Use as first web spacer or finger separators.

Endless applications are possible.

Improve patient grip by enlarging, enhancing or reshaping the objects one needs to hold and use during daily life activities, for example, knives, forks and spoons.



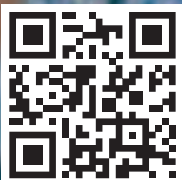
Simply pour the pellets into hot water (65°C - 149°F). When they have transformed into a transparent mass, ALLFIT™ is ready to use.



Now the mass can be hand moulded into any imaginable shape.



ALLFIT™	
Art. No.	Description
703011	Box with 6 bags of 500 g



ORFIZIP® is a registered trademark of and is manufactured by Orfit Industries

ORFIZIP® NS & ORFIZIP® BLACK NS

CHARACTERISTICS

Pre-cut wrist orthosis with double-sided zipper.

Excellent stretch (1000 %) without tearing.

Non-stick coated material.

High elastic memory.

Available in 3 sizes (S-M-L) and choice between different thicknesses and perforation styles.

Quick and easy fabrication.

Easy to trim.

Very lightweight.

HOW IT WORKS AND LOOKS

Each pre-cut can be used to fabricate either a left or right hand orthosis.

Very precise moulding conforms to patient anatomy, for example in the hand arches and first web space. Accurate moulding improves correct dispersion of skin pressure.

Coating allows for temporary bonding during fabrication. Reliable permanent bonding is possible after removing the coating and using dry heat. All attachments and outriggers can be applied with maximum ease. Prevents the material from sticking onto bandages or cotton lining. No accidental bonding.

Easily remouldable.
Ulnar sided closure.

Can accommodate all size wrists.
Optimal skin ventilation.

Time-saving.

Length can be adjusted.

Increased patient comfort and compliance.

RECOMMENDED APPLICATIONS

Orfizip NS is appropriate for all traumatic wrist injuries which require circumferential immobilization.

Makes an excellent base for outrigger attachments as it will not migrate distally.



ORFIZIP® NS				wrist splint
Thickness (mm-inch)	Perforation types	small	medium	large
2.0 mm - 1/12"	maxi perfo	39108/NS	39109/NS	39110/NS
3.2 mm - 1/8"	mini perfo	39111/NS	39112/NS	39113/NS
ORFIZIP® BLACK NS				wrist splint
Thickness (mm-inch)	Perforation types	small	medium	large
2.0 mm - 1/12"	maxi perfo	39108Z/NS	39109Z/NS	39110Z/NS
3.2 mm - 1/8"	mini perfo	39111Z/NS	39112Z/NS	39113Z/NS



MINI PERFORATED



MAXI PERFORATED



EFFICIENT
COMFORT
WITH ORFIZIP®



FULL BODY JACKET				1/2 full body jacket precut			
Thickness (mm-inch)	Perforation types	xx-small	x-small	small	medium	large	x-large
3.0 mm - 1/8"	mini perfo	39948	39949	39950	39951	39952	39953

ORFIZIP® is a registered trademark of and is manufactured by Orfit Industries

CHARACTERISTICS

Precut splinting material with full cotton lining and double-sided zipper.

Excellent stretch without tearing.

High elastic memory.

Available in multiple sizes (S-M-L) and choice between different thicknesses and perforation styles.

Quick and easy fabrication.

Easy to trim.

Very lightweight. Soft pleasant feeling.

HOW IT WORKS AND LOOKS

Each precut can be used to fabricate either a left or right sided orthosis. Ulnar sided closure. Easy to put on and take off. Aesthetically pleasing and washable.

Easy fitting and very precise moulding conforms to patient anatomy. Accurate moulding improves correct dispersion of skin pressure.

Small corrections and adjustments can easily be made when needed by spot heating locally with a heatgun.

Can accommodate all size wrists.

Time-saving.

Length can be adjusted.

Increased patient comfort and compliance.

RECOMMENDED APPLICATIONS

Orfizip is a complete immobilization system offering a wide range of splinting applications:

Wrist:

- Post-surgical immobilization
- Carpal tunnel syndrome
- Wrist sprains - Joint instability

Wrist and thumb:

- Scaphoid or Bennett fractures
- De Quervain's tenosynovitis
- Instability or inflammation of wrist and thumb joints (arthritis)
- Post-operative management of the thumb

Knee splint:

- Post-surgical immobilization
- Correction of flexion contractures
- Aid for standing (hemiplegia, paraplegia)

Corset:

- Osteoporosis - Spondylosis - Back complaints - Paraplegia Arthritis



WRIST SPLINT

Thickness (mm-inch)	Perforation types	xx-small	x-small	small	medium	large	x-large
2.0 mm - 1/12"	maxi perfo		39099	39100	39101	39102	
3.0 mm - 1/8"	mini perfo			39105	39106	39107	

WRIST / THUMB SPLINT

Thickness (mm-inch)	Perforation types	xx-small	x-small	small	medium	large	x-large
2.0 mm - 1/12"	maxi perfo		39199	39200	39201	39202	
3.0 mm - 1/8"	mini perfo			39205	39206	39207	



KNEE SPLINT

Thickness (mm-inch)	Perforation types	xx-small	x-small	small	medium	large	x-large
2.0 mm - 1/12"	mini perfo		39300	39301	39311	39312	39313
3.0 mm - 1/8"	mini perfo		39305	39306	39316	39317	39318

CORSET

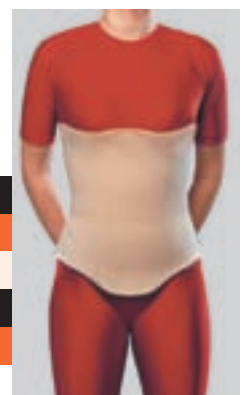
1/2 corset pre-cut regular

Thickness (mm-inch)	Perforation types	xx-small	x-small	small	medium	large	x-large
3.0 mm - 1/8"	mini perfo	39399	39400		39402	39404	39406

CORSET

1/2 corset pre-cut cut in at waist

Thickness (mm-inch)	Perforation types	xx-small	x-small	small	medium	large	x-large
3.0 mm - 1/8"	mini perfo			39401	39403	39405	



CHARACTERISTICS

Lightweight outrigger attachments.

Patient pleasing aesthetic appearance.

Low profile design.

Large choice between Orfitubes and joint spring coils.

Fast and easy fabrication of outrigger attachments.
Can be securely attached to any orthosis.

HOW IT WORKS AND LOOKS

Increased patient comfort.

Increased patient compliance to protocol.

Spring coils allow to have access to the lateral sides of the joints.

Crossbar systems allow to create a perpendicular traction force on the involved segment.

Orfitube Adjusters allow for easy and correct alignment of finger loops. Easy to adjust angles.

Simplified adjustment and re-adjustment of correct angles of alignment and applied forces.

Reduction of fabrication time.

RECOMMENDED APPLICATIONS

Mobilization Orthoses:

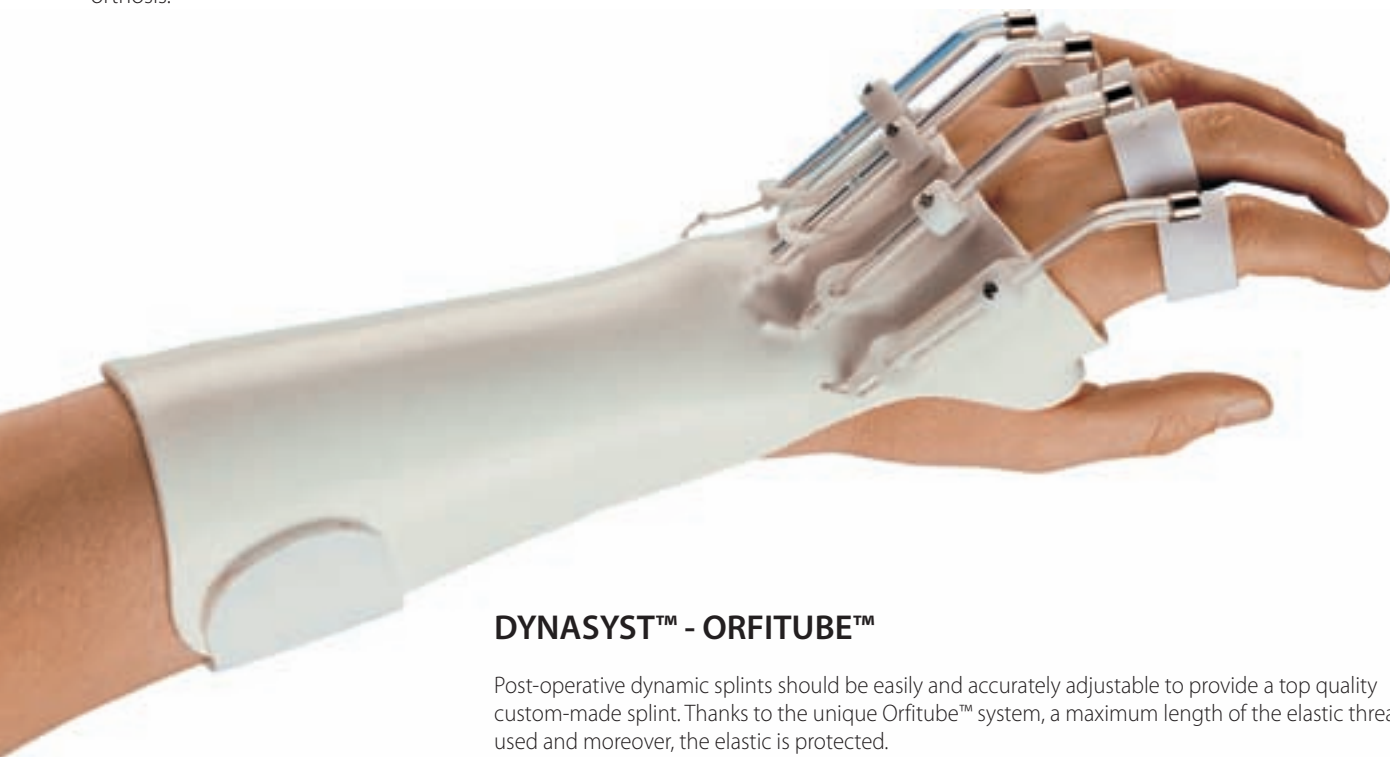
Dynamic and evolutionary systems, for example: post-operative splints after tendon surgery or to recover range of motion.

Allows to respect prescribed rehabilitation protocol and wearing schedule.

Improves the quality of patient care and speed of recovery.

Ensures the functional aspects of the orthoses.

Especially recommended for fabrication of postural orthoses.



DYNASYST™ - ORFITUBE™

Post-operative dynamic splints should be easily and accurately adjustable to provide a top quality custom-made splint. Thanks to the unique Orfitube™ system, a maximum length of the elastic thread is used and moreover, the elastic is protected.

The Orfitubes™ are cold formable, impact resistant, and can be cut to length.

Functional dynamic splints must not hinder daily activities, need to be inconspicuous and have an aesthetic appearance.

DYNASYST™ is a trademark of and is manufactured by Orfit Industries



DYNASYST™

ELASTIC THREAD

Spool of 10 m - 394"
Stretchability: at least 200 %.
No ageing after 6 weeks
maximum stretching.

35312: Max. resistance $\pm$ 200 g.
For supporting the weak muscles of the fingers.
35313: Max. resistance $\pm$ 400 g.
For most dynamic finger splints.
35314: Max. resistance $\pm$ 600 g.
For dynamic wrist extension splints or for
very persistent finger contractures.



ORFITUBE™ ENDS

35318
20 pcs.
Chromium-plated tube
ends, fit on all Orfitubes™,
reducing rubbing of the
elastic thread with the tube
edge to a minimum.



ORFITUBE™ KIT

35311
Contains:
• 10 tubes of 330 mm - 13" long.
• 3 different types of elastic
thread with different
degrees of elastic strength
(on a spool).
• 1 spool polyester
monofilament for an optimal
gliding effect (if necessary).
• 2 bending wires.



KIT SINGLE ORFITUBE™ ADJUSTER

35305
The Single Orfitube™ Adjuster puts
you in full control of longitudinal
and lateral position of Orfitubes™.
But there is more than one angle
from which you can look at this
product. The compact design allows
you to fix one individual adjuster for
each finger. The adjusters are light-
weight, very cost-effective and
more elegant than ever before.



ORFITUBES™ + BENDING WIRES

35310
10 tubes of 330 mm - 13" long,
incl. 2 bending wires.



SINGLE ORFITUBE™ ADJUSTER - 5 pcs. + ALLEN WRENCH

35304
5 single Orfitube adjusters +
1 Allen wrench



POLYESTER MONOFILAMENT THREAD

35315
Spool of 75 m - 2953"
Used to increase the gliding of
the elastic thread in the
Orfitube™, e.g. when the
Orfitube™ is locally kinked and
when the length of the elastic
is not determined.



ORFITUBE™ BENDING TOOL

35308
For easy bending of the strong
Orfitubes™ without stress on
the thumbs.

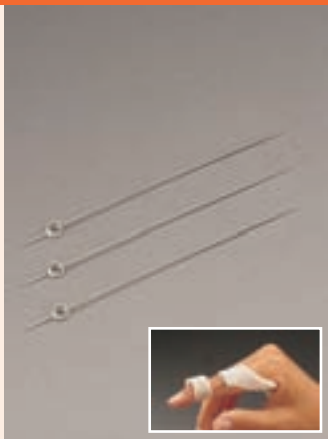


DYNASYST™

JOINT JACK COIL SPRING

35800

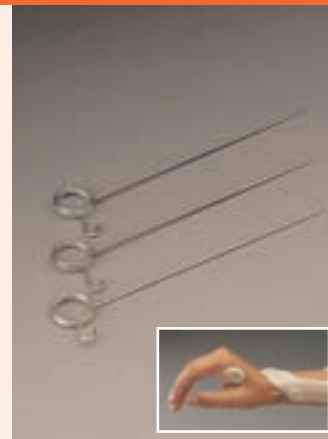
10 pcs.
(Gauge 0,7 mm - 1/37" - coil diameter 5 mm - 1/5")
Stainless steel spring.
The short leg is bent and anchored in the dorsal bridge of the splint.
The long leg is bent and cut to length. The spring power is adjusted by altering the coil design.



WRIST EXTENSION COIL SPRING

35804

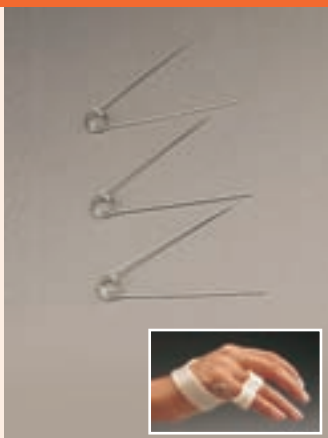
10 pcs. (5 left + 5 right)
(Gauge 1,5 mm - 1/16" - coil diameter 15 mm - 3/5")
Stainless steel spring.
Two types supplied: coiled left or right.
Torque force when tightened over an angle of 130°: 5000 g.cm.



KNUCKLE BENDER COIL SPRING

35801

10 pcs.
(Gauge 1 mm - 1/24" - coil diameter 10 mm - 5/12")
Stainless steel spring. Designed to assist the intrinsic muscle weakness, e.g. with ulnar nerve palsy.
The spring can also be turned upside down to increase spring power.
Torque force at full finger extension: ca. 1000 g.cm.



RADIAL WRIST EXTENSION SPLINT

35865K (small)

35866K (medium)

35867K (large)

Radial nerve patients need two strong assisting extension coils. When recovering, the coils help to rebalance muscle power.

Kit:

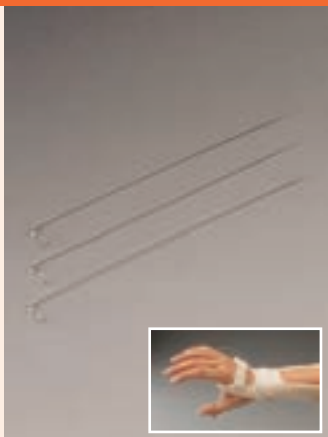
- 2 Orfit® Classic precuts (3,2 mm - 1/8" non perfo stiff).
- 2 lateral coil springs: gauge diameter 1,5 mm - 1/16" Coil diameter 15 mm - 3/5" - Torque force: 5000 g. cm.



FINGER EXTENSION ASSIST

35802

10 pcs.
(Gauge 1 mm - 1/24" - coil diameter 4 mm - 1/6")
Stainless steel spring. The short leg is secured between two layers of Orfit® Classic. The long leg is bent to size. At total finger flexion the spring is tightened up to a torque force of ca. 2000 g.cm. The spring is especially designed for finger extension assists in combination with the Orfit® splint (ref. no. 35818 to 35822).



STAINLESS STEEL SPRING WIRE

35805

Length: 15 m - 591".
Thickness: 1 mm - 1/24".
For making your own coil springs and outriggers.



HOOK AND LOOP TAPE

HOOK + LOOP TAPE - 25 MM

Length: 25 m - 98 ²/₅"



Colour	Width	LOOP TAPE Standard	LOOP TAPE Self-adhesive	HOOK TAPE Standard	HOOK TAPE Self-adhesive
white	25 mm - 1"	35400L	35405L	35400H	35405H
beige	25 mm - 1"	35411L	35412L	35411H	35412H
blue	25 mm - 1"	35401L			35406H
black	25 mm - 1"	35404L			35409H
fluo yellow	25 mm - 1"	35402L			35407H
fluo pink	25 mm - 1"	35403L			35408H

DOUBLE-SIDED HOOK + LOOP TAPE - 25 MM					Length: 25 m - 98 2/5"	
	Description		Art. Nr.	Colour	Width	
	Double-sided Velours loop tape		35444L	black	25 mm	
	Double-sided Micro hook tape		35444H	black	25 mm	

HOOK + LOOP TAPE - 50 MM				Length: 25 m - 98 ² / ₅ "		
	Colour	Width	LOOP TAPE Standard	LOOP TAPE Self-adhesive	HOOK TAPE Standard	HOOK TAPE Self-adhesive
	white	50 mm - 2"	35413L	35414L	35413H	35414H
	beige	50 mm - 2"	35415L	35416L	35415H	35416H
	black	50 mm - 2"	35441L			35442H

HOOK AND LOOP TAPE

ELASTIC LOOP TAPE

Length: 25 m - 98 ²/₅"



Colour	Width	ELASTIC LOOP TAPE
white	25 mm - 1"	35437L
beige	25 mm - 1"	35439L
white	50 mm - 2"	35438L
beige	50 mm - 2"	35440L
black	50 mm - 2"	35443L

SPLINT STRAP



Length	Width	SPLINT STRAP
250 mm - 10"	25 mm - 1"	35450
400 mm - 15 ³ / ₄ "	25 mm - 1"	35455
500 mm - 20"	25 mm - 1"	35460



Double-sided hook + loop tape: page 49

PADDING AND LINING

LUXOFOAM NON PERFORATED

35110

LUXOFOAM is a self-adhesive soft PVC foam used for padding of small surfaces. It does not detach when heated in water, and can therefore be used for prepadding splint applications.

Sizes:

49 cm x 97 cm x 3 mm.
19 3/10" x 38 1/5" cm x 7/64"

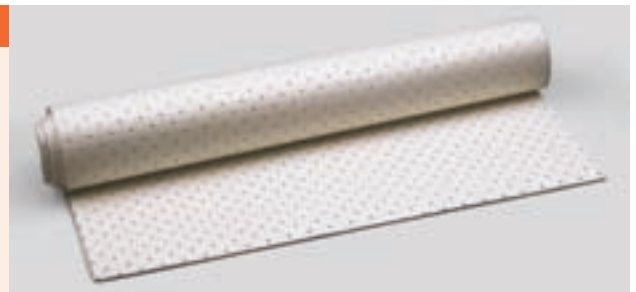


LUXOFOAM PERFORATED

35112

Sizes:

49 cm x 97 cm x 3 mm.
19 3/10" x 38 1/5" cm x 7/64"



ORFILASTIC

35111

ORFILASTIC is a terrycloth lining material with a backing of self-adhesive open cell foam. Used for covering large splint surfaces to prevent and absorb perspiration. Easily removable with lukewarm water.

Sizes:

50 cm x 1 m x 3 mm.
20" x 39 2/5" x 7/64"



ORFILASTIC BLACK

35117

ORFILASTIC BLACK is a terrycloth lining material with a backing of self-adhesive open cell foam. Used for covering large splint surfaces to prevent and absorb perspiration. Easily removable with lukewarm water.

Sizes:

50 cm x 1 m x 3 mm.
20" x 39 2/5" x 7/64"



EDGING STRIP - VELOURS EDGING STRIP

360201N.ST1
natural colour

35116
black

Sizes:

1 mm x 20 mm x 3000 mm
1/25" x 3/4" x 118 1/10"
(natural colour)



ACCESSORIES

GINGHER SHEARS

35066

Voted best scissor in the world by the majority of the therapists.



BANDAGE SCISSORS

35067

Ideal for removing and trimming of thermoplastic splinting material. Stainless steel blades with blunt tips to provide safety during removal.



SHARP SCISSORS

35069

Slim design excellent for trimming braces. The stainless steel blades are curved to the right angle to make cutting around curves easy.



COGGED SCISSORS

35064

Cogged pair of scissors with return spring to cut sheets up to 3,2 mm - 1/8".



YELLOW MARKER

35003G

This special marker allows drawing a pattern on the splinting material that is indelible even in water, but is easily wiped off.



ACCESSORIES

STRONG SCISSORS

35065

Strong cogged pair of scissors with return spring to cut sheets from 2 mm - 1/12" to 4,2 mm - 3/16".



SPRING COIL PLIERS

35140

Full round nosed pliers for turning spring wire into coil with a diameter from 5 mm - 1/5" to 10 mm - 2/5".



EYELET SETTER (CHROME PLATED)

35134

To set eyelets in leather, fixation straps and Orfit® 1,6 mm - 1/16" and 2 mm - 1/12".

35137

200 eyelets of 4 mm 1/6" diameter



DEBURRING KNIFE

35307

To smoothen splint edges. Ideal to finish splints made of non-perforated material in a fast and efficient way. Two blades are inside the handle.

35307B10

10 spare blades with straight cut

35307B20

10 spare blades with oblique cut



DYNAMOMETER

35105

Accurate dynamometer, max. 600 g. Ideal to measure static and dynamic splint tractions. A ring is attached to one end, a clip to the other.



ORFICAST RULER

35319

New tool that facilitates the use of Orficast Thermoplastic Tape.

Using the Orficast Ruler allows to:

- precisely choose and cut the correct length of Orficast tape for a specific splint or cast
- avoids any waste of product
- easily measure and pre-cut several pieces (with standard length) in advance of serial splinting
- avoid having to take into account the natural shrinkage factor of the thermoplastic tape
- avoid the need to pre-stretch the activated tape before applying it on the patient



SUSPAN 1

35097/115/1400 (115V)

35097/230/1400 (220V)

Large water bath in stainless steel. With electric thermostat, digital timer and temperature meter, lid and water drainage.

Inner dimensions:

740 x 540 x 100 mm

29 1/25 x 21 1/4 x 4"

Water content: approximately 30 l.



SUSPAN 2

32500/0 (220V)

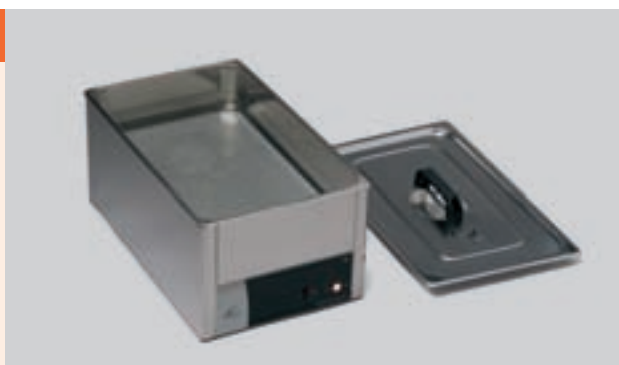
Small water bath in stainless steel. With electric thermostat and lid. Temperatures range: between 65°C (149°F) & 95°C (203°F).

Inner dimensions:

295 x 500 x 100 mm

11 3/5 x 20" x 4"

Water content: approximately 10 l.



HEAT GUN HG-2000E 220 V

35352

Electrical heat gun with digital control panel offers variable heat settings between 50°C (122°F) and 650°C (1202°F) and allows to adjust the airflow as well (250-500 L/min). Automatic shut-off feature for safety. Following 3 accessories are included: concentrator tip, flare nozzle and glass protector. These can be used to direct the airflow to a more specific area of the splint which makes it even more efficient and easy to manipulate. Ideal to heat precise areas on small and large thermoplastic splints to attach outriggers and straps or to make detailed corrections afterwards. Self-standing allows clinicians to use both hands to manipulate the splinting materials when needed. 230V-2000 Watt-3m power cord-CE certified -also EMC, ENEC, GS, LVD, VDE listed and certified.



SPLINTING INSTRUCTION AIDS

"THERAPEUTIC HAND SPLINTS - A RATIONAL APPROACH"

35600E Volume 1

Volume 1: Mechanical and biomechanical aspects.

35606E Volume 2

Volume 2: Practical applications

Authors: P. Van Lede and G. van Veldhoven



THE SPLINTING GUIDE

21021E

Compiled by Paul Van Lede OT, MS.

- Static hand splints.
- Dynamic hand splints.



DVD - A VISUAL GUIDE TO PERFECT ORFIT SPLINTS

21089

Containing:

- Volar wrist cock up orthosis
- Circumferential elbow orthosis
- Anti-swan neck orthosis
- Anti claw orthosis
- Wrist and thumb orthosis from Orflight
- Wrist ant thumb orthosis
- Precut gauntlet thumb post orthosis
- Wrist and thumb orthosis from Orfit Colors
- Resting hand orthosis
- Circumferential wrist orthosis
- Orficast 1
- Orficast 2
- Orficast 3



	Page	Activation Temperature	Transparent when activated	Working time
Orficast™ Thermoplastic tape	4	65°C-149°F	no	1.0-1.5 minutes
Orfit® Classic Soft	8	65°C-149°F	yes	1- 2 minutes
Orfit® Classic Stiff	8	65°C-149°F	yes	2-3 minutes
Orfit® NS Soft	10	65°C-149°F	yes	1- 2 minutes
Orfit® NS Stiff	10	65°C-149°F	yes	2-3 minutes
Aquafit™ NS Soft	12	65°C-149°F	yes	1-2.5minutes
Aquafit™ NS Stiff	12	65°C-149°F	yes	1.5-2.5 minutes
Orfilight®	14	65°C-149°F	no	1-2.5 minutes
Orfilight® Black NS	14	65°C-149°F	no	1-2.5 minutes
Orfit® Colors NS	16	65°C-149°F	no	1-3.5 minutes
Orfit® Crystal NS	24	80°C-176°F	yes	1-2 minutes
Orfit® Eco	26	65°C-149°F	no	1-3 minutes
Orfit® Eco Black NS	28	65°C-149°F	no	1-3 minutes
Tecnofit®	30	65°C-149°F	yes	1-3 minutes
Orfibrace™	32	65°C-149°F	no	1-2 minutes
Orfit® Flex	34	65°C-149°F	no	1.5-3 minutes
Soft-Fit® NS	36	65°C-149°F	no	1.5-2.5 minutes
Orfit® Ease	38	65°C-149°F	no	1-2.5 minutes
Orfizip® NS	44	65°C-149°F	yes	1.5-2 minutes
Orfizip® Black NS	44	65°C-149°F	no	1.5-2 minutes

MATERIAL PROPERTIES

Hardening Time	Resistance to stretch	Memory	Drape	NS-Coating
3-3.5 minutes	moderate	full (lengthwise)	high	no
1-6 minutes	moderate	full	moderate	no
6-10 minutes	high	full	low	no
2-6 minutes	moderate	full	moderate	yes
6-9 minutes	high	full	low	yes
3-6 minutes	moderate	full	moderate	yes
8-9.5 minutes	high	full	low	yes
2-4 minutes	moderate	high	moderate	no
2-4 minutes	moderate	high	moderate	yes
3.5-9 minutes	moderate	full	moderate	yes
2-5 minutes	moderate	moderate	moderate	yes
4-6 minutes	high	moderate	low	no
4-6 minutes	high	moderate	low	yes
2.5-5.5 minutes	high	full	low	no
5-6 minutes	high	moderate	low	yes
4.5-7 minutes	low	low	high	no
5-7 minutes	low	full	high	yes
2-6 minutes	moderate	low	high	no
6-7 minutes	moderate	high	moderate	yes
6-7 minutes	moderate	high	moderate	yes

INSTRUCTIONS FOR USE

HELPFUL HINTS FOR WORKING WITH ORFIT SPLINTING MATERIALS

1. When using Orfit® Classic, add soap to the heating pan to make it less adhesive.
2. Rub dry material with talcum powder prior to heating.
3. Monitor water temperature- do not overheat! Ideal temperatures are 65°- 70° C (149° - 158°F). (exception Crystal 80° C - 176°F)
4. Do not dry non-coated materials on porous table top or towel!
5. Stretch for full advantage.
6. Let material become completely transparent prior to moulding (when applicable).
7. Use the self-bonding for advantage in moulding.
8. Use the tackiness to mould against gravity.
9. Correct shape and trim edges prior to complete hardening.
10. Use coated materials for making splints that temporarily bond together, as in circumferential designs. When cooled, these can be popped apart.
11. Use "sticky" or adhesive materials for attachments and excellent bonding.
12. Check out www.orfit.com for more detailed information on each specific Orfit® splinting material.

MAINTENANCE INSTRUCTIONS

MAINTENANCE OF YOUR SPLINTS

Splints made of Orfit® materials should be cleaned daily.

Use lukewarm water and liquid soap, biological detergent or toothpaste, and rinse well.

Never use solvents. Avoid acid detergents.

Sterilization of Orfit® splints in an autoclave is not possible.

Disinfection is possible with alcohol, quaternary ammonium or a solution of commercially available disinfection soaps (HAC®, Sterilium®, etc.).

After use, splints can be disposed of with normal household waste without harming the environment.

Orfit® products are biodegradable.





ORFIT® CLASSIC • ORFIT® NS
AQUAFIT™ NS • ORFILIGHT®
ORFIT® CRYSTAL NS • ORFIT® COLORS NS
ORFIT® STRIPS • ORFIT® ECO
SOFT-FIT® NS • ORFIBRACE™
TECNOFIT® • ORFIT® FLEX
ORFIT® EASE • ORFIZIP® • ORFICAST™
ALLFIT™ • DYNASYST™



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FSC - Forest stewardship council

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