



ORTOPEDIJOS TECHNICA

PRE-PREG TECHNOLOGY



FIXALTO[®]

PregFIX[®]

STANDARD PRE-PREG

Standard Pre-preg available models:

PregFIX[®] AFO Medial / Medial EasyFit / Medial Combi / Medial Combi EasyFit

PregFIX[®] AFO Medial beta / Medial beta EasyFit / Medial beta Combi / Medial beta Combi EasyFit

PregFIX[®] AFO Lateral / Lateral EasyFit / Lateral Combi / Lateral Combi EasyFit

**PregFIX[®] AFO Anterior / Anterior EasyFit / Anterior Combi / Anterior Combi EasyFit /
Anterior Hard EasyFit**

The structural version of the orthosis – **Medial, Lateral, Flexible, Anterior** – is selected by the physician, depending on the nature and degree of movements and/or disorders of the body posture. The materials in the hard part of the product or a combination thereof (Combi) depend on the age, activity, weight and other characteristics of the patient, which are considered by the technician selecting and adapting the product.

Special offers for partners:

- developing of standard models according request of the partner;
- private label.

PregFIX® AFO Medial / Medial EasyFit* / Medial Combi** / Medial Combi EasyFit

Strong and lightweight solution to provide constant support to the foot. Maximum strength and durability. Sole can be easily adapted to different shoes. Velcro closure, with return loop.

Recommended for use:

- foot drop can occur after a stroke or traumatic brain injury or as a result of multiple sclerosis, neuromuscular atrophy, or peroneal paralysis;
- foot and calf extensors after operation;
- ankle arthritis.

Product feature:

maximum body weight tolerance is 100 kg.

Composition:

made of carbon fiber impregnated with epoxy resin or a combination of glass and carbon fibers.

Magnetic closure available



Medial



An orange set of soft parts can be ordered as an option



SIZE	S	M	L	XL	TILT ANGLE	SIDE:
H, mm product height	345	355	365	375	92	RIGHT OR LEFT
L, mm foot length	252	275	293	300		

***EasyFit** means product with trimmable sole part – what gives possibility to put it inside the shoe easier and to make corrections without any grinding.

****Combi** means an orthosis made of carbon and glass fiber.



PregFIX AFO Lateral / Lateral EasyFit* / Lateral Combi** / Lateral Combi EasyFit



Magnetic closure available



Lateral



Strong and lightweight solution to provide constant support to the foot. Maximum strength and durability. Sole can be easily adapted to different shoes. Velcro closure, with return loop.

Recommended for use:

- foot drop can occur after a stroke or traumatic brain injury or as a result of multiple sclerosis, neuromuscular atrophy, or peroneal paralysis;
- foot and calf extensors after operation;
- ankle arthritis.

Product feature:

maximum body weight tolerance is 100 kg.

Composition:

made of carbon fiber impregnated with epoxy resin or a combination of glass and carbon fibers.

An orange set of soft parts can be ordered as an option



SIZE	S	M	L	XL	TILT ANGLE	SIDE:
H, mm product height	345	355	365	375	92	RIGHT OR LEFT
L, mm foot length	252	275	293	294		

***EasyFit** means product with trimmable sole part – what gives possibility to put it inside the shoe easier and to make corrections without any grinding.

****Combi** means an orthosis made of carbon and glass fiber.

PregFIX® AFO Medial beta / Medial beta EasyFit / Medial beta Combi / Medial beta Combi EasyFit

Strong and lightweight solution to provide constant support to the foot. Maximum strength and durability. Sole can be easily adapted to different shoes. Velcro closure, with return loop.

Recommended for use:

- foot drop can occur after a stroke or traumatic brain injury or as a result of multiple sclerosis, neuromuscular atrophy, or peroneal paralysis;
- foot and calf extensors after operation;
- ankle arthritis.

Product feature:

maximum body weight tolerance is 100 kg.

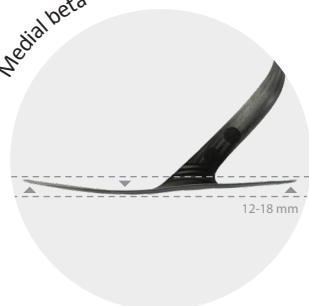
Composition:

made of carbon fiber impregnated with epoxy resin or a combination of glass and carbon fibers.

Magnetic closure available



Medial beta



An orange set of soft parts can be ordered as an option



SIZE	S	M	L	TILT ANGLE	SIDE:
H, mm product height	363	373	383	89	RIGHT OR LEFT
L, mm foot length	257	270	290		

***EasyFit** means product with trimmable sole part – what gives possibility to put it inside the shoe easier and to make corrections without any grinding.

****Combi** means an orthosis made of carbon and glass fiber.



PregFIX® AFO Anterior / Anterior EasyFit* / Anterior Combi** / Anterior Combi EasyFit / Anterior Hard EasyFit



Magnetic closure available



Water print technology



Due to the spiral structure, the orthosis is characterised by energy release. In that way, the orthosis compensates the function of the damaged muscle group which facilitates the stepping process and it thus returns to being natural. Having impaired movement and the ability to maintain body position, the orthosis might be helpful in aiding to maintain balance and to stabilise movement. Maximum strength and durability. Sole can be easily adapted to different shoes. Velcro closure, with return loop.

Recommended for use:

- for fixing the tarsus joint;
- to support the drop foot;
- cerebral palsy, and other disorders of movement and body position.

Product feature:

maximum body weight tolerance is 100 kg.

Composition:

made of carbon fiber impregnated with epoxy resin or a combination of glass and carbon fibers.

An orange set of soft parts can be ordered as an option



SIZE	S	M	L	TILT ANGLE	SIDE:
H, mm product height	395	405	415	87	RIGHT OR LEFT
L, mm foot length	255	270	290		

***EasyFit** means product with trimmable sole part – what gives possibility to put it inside the shoe easier and to make corrections without any grinding.

****Combi** means an orthosis made of carbon and glass fiber.

GS PREG footplate / GS PREG footplate Easy Fit*

Recommended for use:

- diabetes;
- partial foot amputation;
- mid-tarsal fractures;
- arthritis.

Composition:

premium quality pre-preg carbon fibre 100%.



GS PREG footplate

SIZE	S	M	L	XL	SIDE:
L, mm footplate length	240	260	280	300	RIGHT OR LEFT

Tolerance 1-2 mm.

Footplates are available in a right and left. Sold each.



GS PREG footplate Easy Fit

SIZE	S	M	L	XL	SIDE:
L, mm footplate length	228-240	248-260	268-280	288-300	RIGHT OR LEFT

Footplates are available in a right and left. Sold each.

***EasyFit** means product with trimmable sole part – what gives possibility to put it inside the shoe easier and to make corrections without any grinding.



Custom made procuts:

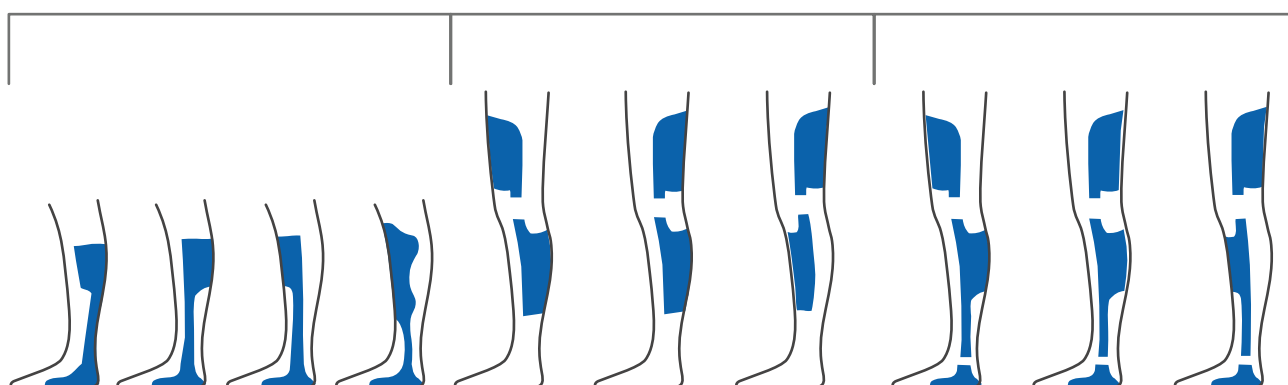
- footplate (FO);
- ankle-foot orthosis (AFO);
- knee orthosis (KO);
- knee-ankle- foot orthosis (KAFO);
- with or without joints.



AFO

KO

KAFO



Pre-preg footplate could be manufactured serial as well as custom made.



Protective face mask

Ankle foot orthosis (AFO) with joint

- easily fit in the shoe;
- ankle control;
- spring effect;
- with joint.



WATER PRINT technology provides an opportunity to personalize the product and to create BEAUTY and STYLE

