



neofrakt®

The rigid foam splint system

Neofrakt® is the only splint which is self moulding and can be taken off and put on again. It has the additional advantage that it can be worn repeatedly without having to apply it again.

Neofrakt® products consist of 2 components:

- PU rigid or soft foam
- 100% cotton textile

Advantages:

- removability through the integrated zipper(s) or Velcro fastener(s)
- self moulding (perfect fit)
- easy to apply
- X-ray transparent
- low weight
- water resistant
- solid and comfortable



SPRONKEN ORTHOPEDIE N.V.

Active in healthcare

Upper limbs



Lower arm with thumb hole

Immobilisation of the wrist

Article code: NFT-Z3-size

Indications

- Arthrodesis
- Arthroplasty
- Avulsion of the radial styloid process
- Avulsion of the ulnar styloid process
- Fracture of the distal radius
- Mal union or non-union wrist fractures
- Post synovectomy
- Rheumatoid arthritis of the wrist
- Sprains and strains of the wrist
- Synovitis of the wrist
- Wrist dislocation



Removable lower arm with thumb

Immobilisation of the thumb joint

Article code: NFT-Z8-size

Indications

- After scaphoid and thumb surgery
- Distorsion of the thumb
- Fracture and dislocation of the thumb
- Rizarthrosis
- Scaphoid fracture
- Tenosynovitis



Lower arm with thumb hole

Immobilisation of the wrist

Article code: NFT-ZK-L or R-size

Indications

- Arthrodesis
- Arthroplasty
- Avulsion of the radial styloid process
- Avulsion of the ulnar styloid process
- Fracture of the distal radius
- Mal union or non-union wrist fractures
- Post synovectomy
- Rheumatoid arthritis of the wrist
- Sprains and strains of the wrist
- Synovitis of the wrist
- Wrist dislocation



Removable lower arm with thumb

Immobilisation of the thumb joint

Article code: NFT-ZK8-L or R-size

Indications

- After scaphoid and thumb surgery
- Distorsion of the thumb
- Fracture and dislocation of the thumb
- Rizarthrosis
- Scaphoid fracture
- Tenosynovitis



Upper limbs



Removable splint with thumb and fingers

Avoid the formation of contractures

Article code: NFT-Z9-L or R-size

Indications

- Combined distortions
- Severely injured digits
- Flexion contractures after CVA

Z9



Removable upper arm cylinder with thumb hole

Immobilisation of the elbow

Article code: NFT-Z10-size

Indications

- Epicondylitis radialis
- Fracture of the proximal radius
- Injury, inflammation and bursectomy of the elbow joint
- Unstable distal radius fracture

Z10



Removable upper arm cylinder with thumb hole

Immobilisation of the elbow

Article code: NFT-ZK10-size

Indications

- Epicondylitis radialis
- Fracture of the proximal radius
- Injury, inflammation and bursectomy of the elbow joint
- Unstable distal radius fracture

ZK10



Sarmiento upper arm cylinder with shoulder, with Velcro

Splinting the upper arm with freedom of movement of the elbow and shoulder joint

Article code: NFT-S2-L or R-size

Indications

- Fracture of the humerus

S2

Lower limbs



Removable below knee walker

Immobilisation of the lower leg

Article code: NFT-G4-size

Indications

- Achilles tendinitis
- After-care of undisplaced malleolar fractures
- After metatarsal fractures
- Distorsion of the upper and lower tarsal joint
- Immobilisation after suture
- Ligament disorder of the ankle
- Post osteosynthesis of the ankle and tibia
- Secondary immobilisation after surgical treated fractures of the tarsal joint



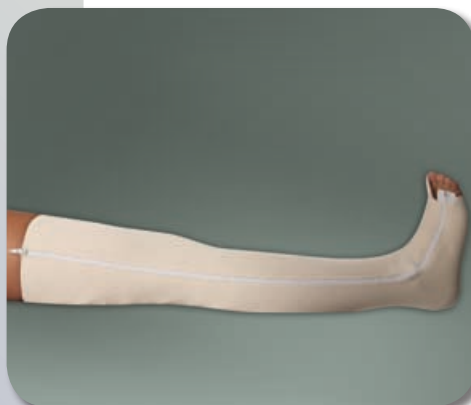
Removable below knee walker

Immobilisation of the lower leg

Article code: NFT-GK-size

Indications

- Nightsplint after CVA
- Prevention of Talipes Equinus
- Swollen foot or ankle



Removable full leg walker

Immobilisation of the knee and lower leg

Article code: NFT-G6-size

Indications

- Combined injury of the ankle and knee joint
- Further indications, see G4 and T1



Removable full leg walker

Immobilisation of the knee joint

Article code: NFT-T1-size
Article code: NFT-T1/2-size

Indications

- Distorsion of the knee joint
- Fracture of the patella with intact extension
- Injury in the knee area
- Ligament disorder of the knee
- Meniscus injury
- Osgood Schlatter
- Patella dislocation
- Post surgical treated hamstring injury
- Temporary knee instability
- Tendinitis of the patella tendon
- Undisplaced fracture of the tibia head
- Unstable patella osteosynthesis



Lower limbs



Removable full leg walker

Immobilisation of the knee joint

Article code: NFT-TK-size

Indications

- Distorsion of the knee joint
- Fracture of the patella with intact extension
- Injury in the knee area
- Ligament disorder of the knee
- Meniscus injury
- Patella dislocation
- Post surgical treated hamstring injury
- Quadriceps suture
- Temporary knee instability
- Tendinitis of the patella tendon
- Undisplaced fracture of the tibia head
- Unstable patella osteosynthesis

TK

Thorax



Thorax corset with forehead support

Immobilisation of the spinal column

Article code: NFT-M4-size

Indications

- After plastic surgery of contractures of the cervical vertebra
- Cervical arthrosis and osteochondrosis
- Cervical dislocation
- Cervical spondylitis
- Cervical vertebra fracture
- Post surgical after torticollis
- Subdislocation
- Tumour

M4



Surgical collar with forehead support

Immobilisation of the cervical spinal column

Article code: NFT-M6-size

Indications

- After plastic surgery of contractures of the cervical vertebra
- Cervical arthrosis and osteochondrosis
- Cervical dislocation
- Cervical spondylitis
- Cervical vertebra fracture
- Post surgical after torticollis
- Subdislocation
- Tumour

M6

Thorax



Lumbar corset with velcro

Supporting the spinal column

Article code: NFT-RK-size

Indications

- Degenerative disorder at the spinal column
- Immobilisation of the lumbar spinal column
- Ischias
- Low back aches
- Lumbago
- Trial corset before the final orthopaedic corset

RK



Lumbar corset with velcro

Supporting the spinal column

Article code: NFT-RKX-size

Indications

- Degenerative disorder at the spinal column
- Immobilisation of the lumbar spinal column
- Ischias
- Low back aches
- Lumbago
- Trial corset before the final orthopaedic corset
- Hernia

RKX



Removable corset

Immobilisation of the sacro lumbar spinal column

Article code: NFT-R2-size

Indications

- Acute lumbago
- After sacral or lumbar spinal fractures
- Disc disorder
- Lumbar compression fracture
- Post surgical, e.g. hernia surgery
- Spondylodiscitis
- Spondylolisthesis
- Spondylolysis

R2



Removable corset

Immobilisation of the sacro lumbar spinal column

Article code: NFT-R2K-size

Indications

- Acute lumbago
- After sacral or lumbar spinal fractures
- Disc disorder
- Lumbar compression fracture
- Post surgical, e.g. hernia surgery
- Spondylodiscitis
- Spondylolisthesis
- Spondylolysis

R2K



Thorax



Removable corset with shoulder straps

Immobilisation of the thoraco lumbar spinal column

Indications

- After spinal column surgery
- Fracture treatment
- Kyphosis treatment
- Post surgical scoliosis treatment
- Thoraco lumbar compression fractures

Article code: NFT-R3-size

R3



Removable corset with shoulder straps

Immobilisation of the thoraco lumbar spinal column

Indications

- After spinal column surgery
- Fracture treatment
- Kyphosis treatment
- Post surgical scoliosis treatment
- Thoraco lumbar compression fractures

Article code: NFT-R3K-size

R3K



Removable thorax corset with 1 leg

Immobilisation of the left or right hip joint together with the lower lumbo-sacral spinal column

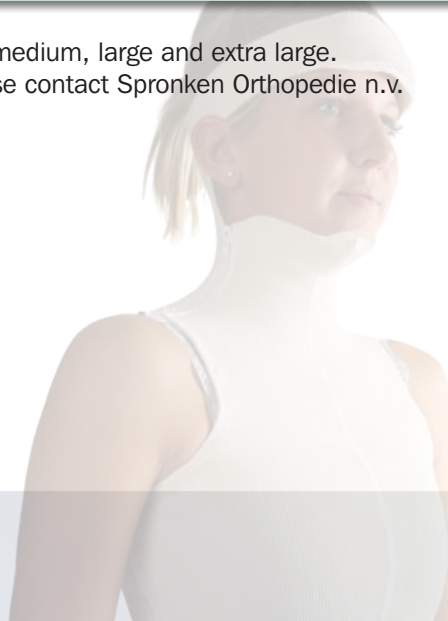
Indications

- Disorder at the lumbo-sacral spinal column
- Fractures of the femur and femur head
- Hip dislocation
- Osteoporosis of the hip joint
- Supporting an endoprosthesis of the hip joint

Article code: NFT-TH1-size

TH1

- All textiles are available in 5 sizes : extra small, small, medium, large and extra large.
- For children's sizes and made to measure articles please contact Spronken Orthopedie n.v.



MATERIALS



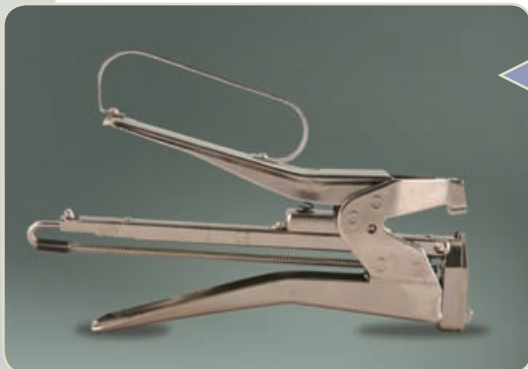
Mixing machine
Article code:
NIM-MIX



Mixers (50 pieces)
Article code: **NIM-RS**



Roller tray (50 x 100 cm)
Article code: **NIM-BLAD**



Stapler + staples
Article code:
NIM-NIETTANG
+ **NIM-NIETEN**

Scissors
Article code:
NIM-SCHAAR



Roller
12 cm. or 24 cm.
Article code:
NIM-ROLLER-12CM
NIM-ROLLER-24CM



Glue gun + cartridges
Article code: **NIM-LIJMPISTOOL +**
NIM-LIJMPATRONEN



POLYURETHANE



PU rigid or soft foam

Article code: NFP-WEIGHT

Weight	P150	P300	P450	P600	P800	P1000	P1250	P1500
Box of	16	16	8	8	8	4	4	4

Application procedure



Protect the skin with a stockinet



Make sure you have the right size of the textile



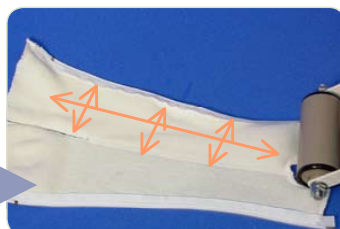
Pour the content of the small can into the large one



Mix the 2 components



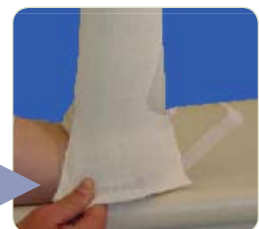
Pour the mixed polyurethane into the textile



Roll out the polyurethane in the textile



Apply the splint on the patient



Pull at the end(s) of the splint until the polyurethane has hardened (± 4 min.)



Cut the splint at the desired length within 6 minutes.



Apply some staples if necessary



After 30 min. the splint is fully set

WALKING SOLES



Article code: NFL-SL-POS-L or R
+ size



Article code: NFL-SL-L or R
+ size



Article code: NFL-ULZ-L or R
+ size



Article code: NIL-POS-TA-013-
L or R + size



Article code: NFL-GO + size



Article code: NFL-SIZ + size



EU shoe size	SL (cm)	GO	POS-TA-013	ULZ	SIZ (cm)
23	15				15
26	17	xs			17
29	19	s			19
32	21	m			21
33			xs		
34-35	23				23
36			s		
37	25	l			25
39			m	s	
40-41			l		
41				m	
42	28	xl	xl		28
43				l	
44					
45				xl	
46	31	xxl			31
47				xxl	



STOCKINET



Width (cm.)	4	6	7,5	10	12	15	20	25	30
NF-MED-K 100% pure cotton quality	K	K	K	K	K	K	K	K	K
NF-MED-AK Cotton with AMICOR PLUS® 70/30 antibacterial and anti-fungal	AK	AK	AK	AK	AK	AK	AK	AK	AK
NF-MED-KL 100% pure cotton quality with Lycra for the elasticity	KL	KL	KL	KL	KL				

Stockinet 25m

HIP BANDAGE (SPICA)



SIZE	HIP SIZE
LEFT/RIGHT	
S	90 – 100 CM
M	101 – 110 CM
L	111 – 120 CM
XL	121 – 135 CM

- bandage after hip surgery;
- optimal support of the hip, the back, the stomach and also the upper leg;
- adjustable pressure thanks to the touch & close fasteners;
- improves the gait pattern;
- comfortable;
- easy to take off and put on again;
- washable at 40°;
- small pocket for a cold pack.

There are 2 hip bandages available:

NF-MED-HEUPSPICA-left or right: Cotton with AMICOR PLUS® 70/30
antibacterial and anti-fungal

NI-HEUPSPICA-left or right: 100% cotton

**Belgium**

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