Head protection series
 Starlight®



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Here you can see the range of atoform products, Europe's largest manufacturer of head protection for persons with special needs. Each product clearly displays the dedication, necessary experience and the high craftsmanship displayed during production, to achieve the most comfortable fit.

Meticulous choice of materials is taken for granted and well thought outproduction methods our demand.

The dialog with you is the foundation of sensible innovations.

Are you looking for something out of the ordinary?

Improvements and individual solutions are targeted and reached. We are grateful for your suggestions and wishes.

Our combined effort helps to help!

Your ATO FORM Team

Article number and prices see pricelist/order form



### **Elegance – with security!**

The Starlight Secure Evo is based on the experiences and knowledge of the Starlight Secure Leather.

This model is distinguished by its improved materials for an even higher wearing comfort. High quality workmanship and elaborate workmanship, with much loving attention to detail are visible here. The upper leather is high-quality, toxin-free coloured full grain leather.

The closed upper side offers additional protection for those at risk of falling. Optional the head protection can be individually colour designed or can be offered with mixed materials.

With use of the Velcro sunshield the head protection becomes the "sporty" variant.

#### **Accessories:**

- Chin protection
- Forehead protection
- Neck protection
- Biothane strap system
- Sunshild
- Fix lock fastener
- Strengthened thorn buckle
- and much more



### Technical details: Starlight Secure Evo

Size:	1	2	3	4	5
Head circumference:	47 – 49 cm	50 – 52 cm	53 – 55 cm	56 – 59 cm	60 – 62 cm
Padding:			firm foam combir	nation	
Weight:	approx. 240 g	approx. 260 g	approx. 270 g	approx. 290 g	approx. 310 g





### **Elegance – with security!**

The entire design is identical to the Starlight Secure head protection and is fitted with high-quality full grain cowhide.

The leather is vegetable tanned, free of chrome tanning agents and toxic substances, according to the PCP – prohibition laws.

The colouring is obtained by natural materials and processes, without use of AZO colours.

The inner lining consists of roughened calf leather. It is breathable, heat and moisture regulating, very kind to the skin, mineral nappa soft tanning in a barrel using high quality dyes.

### **Accessories:**

- Chin protection
- Forehead protection
- Neck protection
- Biothane strap system
- Fix lock fastener
- Strengthened thorn buckle
- ... and much more

For more information, simply scan the QR code with your smartphone.

Further colour requirements?



Technical details: Starlight® Secure Leather

Size:	1	2	3	4	5
Head circumference:	47 – 49 cm	50 – 52 cm	53 – 55 cm	56 – 59 cm	60 – 62 cm
Padding:	soft/firm foam combination				
Weight:	approx. 150 g	approx. 170 g	approx. 190 g	approx. 210 g	approx. 240 g

Special colour variants

for the Starlight<sup>®</sup> Secure Leather





Especially light weight protector for a high definition fit. It adjusts any head shape, due to the special high–tech foam. And thus protects the cranium through well thought out anatomical adjustability.

The workmanship meets highest quality requirements. The protector is offered two toned, with free choice of colour.

Simple and brilliant adjustment system for the ear straps. Thought out excellence of quality.

### **Accessories:**

- Chin protection
- Contrasting seams
- Padded chin strap



Elegant proportions and safe



Ear line adjustable

CO. ST.	- and	

Technical details:	Starlight® Easy
Forehead protection thickness:	1.5 cm
Head circumference:	according to size
Padding:	hard foam
Outer material:	leather
Lining:	leather
Weight depends on size:	approx. 120 to 260 g



You will find it in our price list or on our website www.ato-form.com.







Growth-related or after surgery, it is possible that the shape of the head and therefore certain measurements (such as the head circumference) change in a short period of time.

Through its ingeniously construction the head protection Starlight Varia is individually adjustable in head circumference and straps making it ideal to adapt to the individual measures of the person in need of care.

The protective effect in the occipital area is achieved by the individual padding chambers made out of shock absorbing high-tech foam.

Through the adjustable possibilities, the head protection is strengthened in the occipital area. By this, any impact forces when falling backwards are spread to the entire construction of the occipital area.

The Starlight® Varia is made out of high quality toxin-free coloured full-grain leather.



The protective effect in the occipital area is achieved by the shock absorbing high-tech foam.



Fix lock fastener

■ Thorn buckle

Fasteners:

Velcro fastener

Through its ingeniously construction the Starlight® Varia is individually adjustable in head circumference, depth and straps.



Starlight® Varia Example for special colour variants

### Technical details: Starlight® Varia

Size:	S	M	L	XL
Forehead protection thickness:	ca. 10 mm			
Head circumference:	48 – 51 cm	52 – 55 cm	56 – 59 cm	60 – 63 cm
Padding:			ch foam	
Outer material:			ther	
Lining:	leather			
Weight:	approx. 310 g	approx. 330 g	approx. 350 g	approx. 370 g



### You expect precision? Okay! We are flexible...

Due to illness or growth-related, after surgery - for various reasons - the shape of the head can change.

Owing to its ingeniously construction, the head protection Starlight® Flex is individually adjustable in many areas, making it ideal to adapt to the individual measures of the user.

You can rightly expect us - Europe's largest manufacturer of medical head protection - to consistently refrain from using potentially dangerous metal parts, screws or similar that could cause head injuries to the user in the event of a fall!

Your customer deserves a risk-free Starlight® Flex without metal parts or similar hazards.



### **Accessories:**

- Chin protection
- Forehead protection
- Sunshild
- Closed top
- Biothane strap system
- ... and much more



- ...with closed top, forehead and chin protection, brown
- ...with closed top, green
- ...basic model with sunshild, red

Technical details: Starlight® Flex

Size:	S	М	L	XL
Head circumference:	48 – 52 cm	52 – 56 cm	56 – 60 cm	60 – 63 cm
Padding:	High-tech foam			
Outer material:	leather			
Lining:	spacer fabrics			
Weight:	ca. 340 g	ca. 360 g	ca. 380 g	ca. 400 g







The construction of the models Protect and Protect Plus is based on the sandwich principle, in order to absorb and spread any occurring hit and pushforces.

A hard foam shell is worked in to the protector on the outside of the occipital area. This is hit and splinter resistant, to absorb and spread any occurring forces in case of a backward impact.

The Protect, as well as Protect Plus, are made of high quality full-grainleather, and are fastened securely and firmly, by chin and neck straps. The fastening can be chosen, depending on the indication.

The protective effect in the cranium area is accomplished by longitudinal braces (open version), or through the closed perforated cap, made of shockabsorbing high-tech foam.

Choose from various leather colours – our high quality standards apply also for our coloured leather!

The calfskin used for the internal lining is perforated. Thereby it is breathable, regulates heat and humidity and is very skin-friendly.



\* Greatly improved further development of the "Orient" model

### Model variants:

- Standard
- ... with closed top
- ... with ear protection
- ... with closed top and ear protection
- ... with ear and cheek protection
- ... with closed top, ear and cheek protection
- ... with special chin protection

### **Accessories**

- Biothane strap system
- Fix lock fastener
- Velcro fastener
- Magnetic fastener including key
- Strengthened thorn buckle
- ... and much more



Ear protection



Ear and cheek protection



Closed top



Closed top and ear protection

# Special "hand stitching" for the high-quality Look





Technical details:	Starlight® Protect-Evo	
Forehead protection:	1.5 cm	
Head circumference:	according to size	
Padding:	High-tech foam	
Outer material:	leather	
Filling:	perforated calf leather	

approx. 230 g





The Starlight® Protect-Evo builds on our experience with the Starlight® Protect and Protect Plus. The back-of-the-head area is extensively equipped with double-glued high-tech foam. The foam is ergonomically adapted to the shape of the back of the head. The preformed back-of-the-head area provides even more protection, especially for users who are at risk from uncontrolled fall directions. Impact forces are optimally absorbed and distributed.

The round shape of the ear straps guarantees an optimal fit of the chinstrap. The chinstrap can be easily adapted to the head shape of the user due to its free mobility on the ear strap. This guarantees the perfect fit of the head protection.

The protective effect in the upper head area is achieved by longitudinal and transverse braces made of shock-absorbing high-tech foam.

The thickness of the forehead protection is 1.5 cm.

### Zubehör / Optionen:

- Chin protection, Ear protection
- Alternative top
- Fix lock fastener
- Velcro fastener
- Magnetic fastener incl. key
- Strengthened thorn buckle



Weight:

Starlight Protect Plus

### An asset for safety and Quality!

The versions Protect and Protect Plus differ mainly in the size of the forehead protection: Protect 1,5 cm, Protect Plus 4 cm.

### **Model variants:**

- Standard
- ... with closed top
- ... with ear protection
- ... with closed top and ear protection
- ... with ear and cheek protection
- ... with closed top, ear and cheek protection
- ... with special chin protection
- ... with ear protection, visor and special chin protection
- ... with closed top, ear protection, visor and special chin protection
- ... with ear protection and Xtra face protection
- ... with closed top, ear protection and Xtra face protection

### Accessories

- Biothane strap system
- Different fastening systems
- ... and much more



Technical details:	Starlight® Protect Plus		
Forehead protection:	4.0 cm		
Head circumference:	according to size		
Padding:	hard foam		
Outer material:	leather		
Lining:	leather		
Weight:	approx. 280 g		
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\* Greatly improved further development of the "Willo" model





## with "Xtra" face protection

### Is even more security possible?

The Starlight® Protect Plus with Xtra face protection was specially developed for patients with a great need for face protection.

The "Xtra" offers even more safety at increased risk of injury from frontal crashes or auto aggressive behaviour.

Particularly important is the use of nonperforated calf leather, as it provides additional breathability, warmth and moisture regulation in combination with skin friendliness.





you're looking for here?
'e invite you to visit our website where

We invite you to visit our website where you will find more information about our extensive range of special designs.

We will also gladly assist you by phone:

Please phone 0049 6093 944-0

Can't find the solution

You will find our ATO FORM "Assessment of demand" sheet in our price list and on our homepage www.ato-form.com as well.

Xtra face protection with raised nose guard in the form of a curved nose clip (custom-made)

Starlight Protect Plus-Evo

In the Starlight\* Protect Plus-Evo model the forehead protection is aprox. 3 cm.

Choose from various leather colours – our high quality standards apply also for our coloured leather!

The calfskin used for the internal lining is perforated. Thereby it is breathable, regulates heat and humidity and is very skin-friendly.

As with the other Protect models, we also offer various individual options here (alternative top, ear protection).

- Chin protection
- Ear protection
- Alternative top
- Fix lock fastener
- Velcro fastener
- Magnetic fastener incl. key
- Strengthened torn buckle



Starlight® Protect Plus-Evo with optional available ear protection

Technical details:	Starlight® Protect Plus-Evo
Forehead protection:	3.0 cm
Head circumference:	according to size
Padding:	High-tech foam
Outer material:	leather
Lining:	perforated calf leather
Weight:	approx. 250 g





Go Sport	Go Sport Plus	
1.5 cm	3.5 cm	
according to size		
hard foam		
le	ather	
le	ather	
250 g	300 g	
	1.5 cm accord har le	

# Starlight Go Sport & Go Sport Plus

### Best protection, elegantly implemented!

The construction of both models Go Sport and Go Sport Plus are based on the sandwich principle, for absorption and distribution of all shocks and impacts.

A hard foam shell is worked into the protector on the outside of the occipital area. This is hit and splinter resistant, to absorb and spread any occurring forces in case of a backward impact.

The Go Sport, as well as Go Sport Plus are made of high quality full-grainleather and sit firmly and secure on the head. Various fasteners and much more selectable, depending upon indication.

Choose between various shades of leather – Our high standards of quality apply also to coloured leather! The calf leather used for the lining is perforated, which is breathable, moisture and heat regulating as well as being very skin friendly.

- Closed top
- Biothane strap system
- Fix lock fastener
- Velcro fastener
- Magnetic fastener incl. key
- Strengthened thorn buckle
- ... and much more



Starlight Go Sport Plus "XP"

The soft lines and the curved cut give this head protection a visually softer look, without sacrificing the protective effect. The forehead protection looks more like the peak of a cap.

The large round ear opening allows for optimal fit in the cheek and chin area. The ears are free even with higher, lower or asymmetric positioning and are not constrained.

- Closed top
- Fix lock fastener
- Velcro fastener
- Magnetic fastener incl. key
- Strenthened thorn buckle
- ... and much more



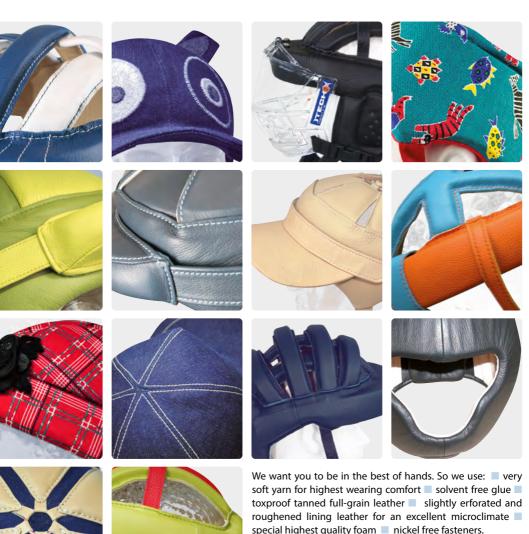
Techn. details: Starlight®	Go Sport Plus-XP
Forehead protection:	3.5 cm
Head circumference:	according to size
Padding:	hard foam
Outer material:	leather
Lining:	leather
Weight: (approx.)	280 g



# Quality in detail - the va



# riety of ato for life®



urgently.

Development, manufacturing and quality control carried out

Our in-house production gives us the possibility of express production – when the best protection is required

at our company headquarters in Germany.





# Technical details:Starlight® StandardPadding thickness:1.5 cmHead circumference:according to sizePadding:hard foamWeight:up to approx. 100 g

# Colour variants for the Starlight\* Standard

# Greatly improved further development of the "Special Protection" model

This light weight head protection (about 100 g) has good deceleration properties.

The cotton jersey lining ensures good moisture circulation. It has a robust cover.

The adjustable chin strap offers excellent hold.

Starlight Standard is available in blue, red and brown. Each protector is manufactured individually and inch perfect.

Washable at 40 Degrees.

- Chin protection
- Biothane strap system
- Fix lock fastener
- Velcro fastener



Starlight® Standard Sport and Starlight® Standard Sport with closed top

# Starlight Standard Soft

The Starlight® Standard Soft is padded with highly efficient two component high-tech foam.

The two components consist of a standard foam (as used for the Starlight® Standard) and a comfort foam with excellent shock absorbing qualities. The forces brought about by a fall are distributed over a large area.

The Starlight® Standard Soft conforms better to the head shape and offers higher wearing comfort

The Starlight® Standard Soft as standard equipped with a fixlock fastener.

In addition to the standard colours red, blue and brown, the Starlight® Standard Soft is also available in many different colours for a small additional charge. Find out more under the headings standard- and special colours textile.

In addition, a quilted version can be ordered for the special colours Oxford Rosé (SB-026) and Oxford Light Blue (SB-027) as shown here.





Technical details:	Starlight® Standard Soft
Padding thickness:	1.5 cm
Head circumference:	according to size
Padding:	two component foam hard foam / marshmallow foam
Weight:	approx. 100 g





### ATO FORM offers the most secure basis.

This head protection model is carefully made of high quality hardwearing cotton.

In addition to the lateral protection and the excellent fit, it offers excellent air circulation. Optionally, it can be supplemented with forehead and/or neck cushions, depending on the indications.

The relative protection in the cranium area is given through a crosscushion, made from shock absorbing foam material, that can be attached variably through Velcro fastener.

Adjustable chin strap and fasteners, which can be chosen according to indication, enable an excellent individual fit.

### **Accessories:**

- Chin protection
- Neck protection
- Forehead protection
- Fix lock fastener



Many other special colours for our textile or leather models can be found on our homepage



<b>lechnical details:</b> Starli	gnt" Base
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Size:	1	2	3	4	5
Head circumference:	47 – 49 cm	50 – 52 cm	53 – 55 cm	56 – 59 cm	60 – 62 cm
Padding:		hard/	firm foam combii	nation	
Weight:	approx. 100 g	approx. 110 g	approx. 120 g	approx. 130 g	approx. 140 g



# Greatly improved further development of the "High Protection" model

The anatomical form of the "protector" with integrated protection of the temple and ear area, using high quality foam, ensures the excellent protection of the head. Hit and shock forces are absorbed through define pressure deformation.

The protection of the upper head area is accomplished through individually adjustable trapeze cushions, made of shock absorbing foam.

The head protection can be supplemented by forehead and/or neck cushions, which are fitted with Velcro strips. This ensures extraordinary protection. Individual and fitting is accomplished through adjustable chin straps as well as fasteners that can be individually chosen. Secure is covered by high quality cotton.

### **Accessories:**

- Chin protection
- Forehead protection
- Neck protection
- Fix lock fastener
- ... and much morexy

The best head protection is the one gladly worn. Colour combinations / special material / special sizes are available for all models on request, subject to a minimal surcharge.





### Technical deails: Starlight® Secure

Size:	1	2	3	4	5
Head circumference:	47 – 49 cm	50 – 52 cm	53 – 55 cm	56 – 59 cm	60–62 cm
Padding:		hard/	firm foam combii	nation	
Weight:	ca. 100 g	ca. 100 g	ca. 110 g	ca. 120 g	ca. 130 g





### Impressively lightweight protection

The Starlight\* Generation models are padded with high-efficiency polyurethane foam. The reduced volume that characterises this head protection is made possible by the materials used. The protective effect is fully preserved.

Thus the Starlight\* Generation models look more like "normal headwear" (e.g. cap, hat) and avoid the often stigmatising appearance of head protection.

The selected materials and cut guarantee optimal fit for lightweight protection.

The Starlight\* Generation models can be optionally fitted with a fixed or removable chinstrap.

It is possible to jazz up the Starlight® Generation Felt cap model with various accessories.





Starlight Generation

We are happy to advise you by telephone on +49 6093 944-0.





Starlight\* Generation – colour contrasted seam stitching in denim look (option).



Starlight® Generation – width adjustment.

### **Technical details:**

Model:	Beret felt cap / baseball cap
Padding thickness:	approx. 6 mm
Head circumference:	according to size
Padding:	High-tech foam
Outer material	
Beret felt cap:	felt
Baseball cap:	denim, mixed fabric
Lining:	cotton blend
Weight:	approx. 160 g







Like the other models from our Starlight® Generation series, the bobble hat and felt cap are padded with highly efficient high-tech foam. The material properties of the foam allow the thickness to be limited to 3 mm. This makes it possible to offer a lightweight head protection that visually gives no indication that it is one. The selected materials and cut shapes guarantee an optimal fit and a good fit for the "light" protective effect.

The head protection can optionally also be offered with 6 mm foam without a large amount of padding becoming visible.

The acceptance of the head protection is increased by the fashionable and cheeky appearance. The upper material of the bobble hat is made of knitted fabric. The edge made of genuine lambskin is also padded with high-tech foam.

### **Technical details:**

•	······································
Model:	bobble hat / felt cap
D 11: 11:1	2/6
Padding thickness:	approx. 3 / 6 mm
Head circumference:	
Head circumierence:	according to size
Padding:	High-tech foam
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Outer material:	wool knitted fabric / felt
Lining:	cotton blend
Weight:	approx. 160 g

Starlight Generation

The women's and men's hats from the Starlight® Generation series were created to offer an alternative to people who are at risk of falling and therefore have an increased risk of head injury, but where light head protection is completely sufficient.

The models can be customised in terms of colour. Smaller applications (such as flower motifs) are also possible on all models for a small surcharge. The high-tech foam used for the protection has a thickness of 3 mm. Optionally, a foam thickness of 6 mm can be used.

For the outer material, felt with exclusive knitted or woollen fabric is used for the models for the fashion-conscious lady. Jersey is used for the inner lining. Coarse woollen fabric or felt is used for the upper material in the model for men.



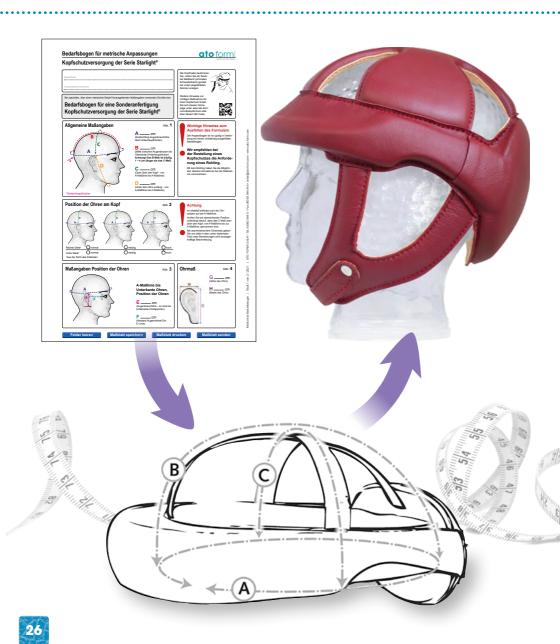


### **Technical details:**

ladies or men hat
approx. 3 / 6 mm
according to size
High-tech foam
felt or fabric blend
cotton blend
approx. 160 g

Head protection Starlight® series

# The trial fitting for the best fit



### ...enhanced wearing comfort, secure protection

Make use of the opportunity, to test the fit of the head protection firstly as a trial fitting on your patient before completion of the head protection.

We will gladly send you the trial fitting to adapt at cost price, no matter which model.

Small corrections to the trial fitting are unproblematic possible. In difficult cases, you will also find the correct dimension.

An easy and secure control of the fit is offered.

We gladly will advise you if you have questions by telephone +49 6093 944-0.

To avoid errors, we advise to only use our current dimension sheet





In this video tutorial, we show you how to take correct measurements for your head protection order.





3) Dimension sheet / head protection

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Precise measurements: What is required?







Individual adjustable trapeze paddings



Chin protection (accessory)

Until now it was not possible to wear the head protection when bathing/showering, or for therapeutic purposes or water based leisure activities. Practice shows however, that also in these areas protection of the head is very important. Therefore the head protection Starlight® Aqua was solely designed for this area.

The padding of the Aqua consists of a special integral foam, which is soft and elastic and therefore shock absorbent. Thanks to the careful selection of materials a high wearing comfort is achieved. The many positive properties of the neoprene used (high dynamic load capacity, weather and ozone resistance, high elasticity and impact resilience as well as resilience against fungi and bacteria, quick-drying, waterproof, easy to clean and disinfect etc.) makes this head protection a valuable aid.

Through the anatomical shape the entire head is protected. The adjustability of the chin strap and upper head ensures that the head protection is neither too tense nor too loose.

The cleaning of the head protection is also no problem by hand washing up to 30°.

### **Accessory:**

Chin protection

#### **Fasteners:**

- Velcro fastener
- Fix lock fastener

Technical details: Starlight® Aqua

Size:	1	2	3	4	5
Head circumference:	47 – 49 cm	50 – 52 cm	53 – 55 cm	56 – 59 cm	60 – 62 cm
Padding:	extreme soft integral-foam				
Outer material:	neoprene, breathable and non-toxic				
Weight:	approx. 130 g	approx. 150 g	approx. 170 g	approx. 190 g	approx. 210 g



An exceptional light protector with good deceleration qualities and a highly defined fit. Extra soft, breathable leather and soft yarns are used for processing.

The comfortable soft padding made out of a combination of various foam types, will guaranteed prevent unpleasant pressure whilst sleeping.

Technical details:	Starlight® Snooze
Padding thickness:	4 cm
Head circumference	: according to size
Padding:	hard foam +
	marshmallow foam +
	cotton wool
Outer material:	leather
Lining:	leather

approx. 330 g

Starlight Active

Weiaht:

The use of modern communication methods, or more traditional tools like paint brush or pencil, is made possible through a pressure rod, which is adjustable in length and tilt.

This light weight head protection is available in two sizes, and easy to adjust to differing head circumferences.

It is made of soft leather (weight approx. 250 g).



### **Accessories:**

- Chin protection
- Fix lock fastener
- Fix lock fastener with safety lock



**Technical details:** Starlight® Active

Size:	1	2
Head circumference:	up to 53 cm	from 53 cm

# Interesting aspects about the

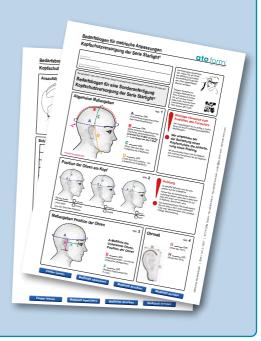
# Head protetion program

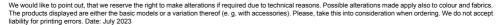
# You need a head protection for your child or another member of your family?

- The well thought out head protection line Starlight from ATO FORM can be acquired in your health product shop or orthopaedic shop. All models offer defined protection and high comfort levels.
- Model and material can be chosen according to indication. The different models are made of different special foams, chosen for specific requirements. You can also choose between different fasteners and colours for the head protection.
- In your health product or orthopaedic shop, detailed specifications will be registered, using the ATO FORM sheet for needs assessment and indication. This is to ensure the excellent fit of the protector, to ensure its fulfilling its purpose to the full. This ensures, that the needs of the patient are not neglected, but are in first place.

Design that does not exclude but secures...



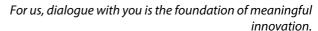














Are you looking for something out of the ordinary?



Improvements and individual solutions are achieved in a targeted manner. We are grateful for your suggestions and wishes.Our joint effort helps!

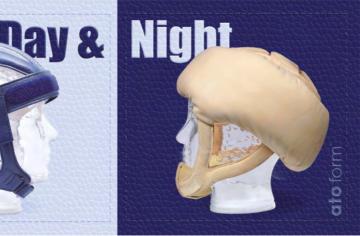


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# Theme brochures from ATO FORM





www.ato-form.com

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