

# Product brochure

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Patentband<sup>®</sup>  
Steelband



CHRISTIANIA  
BYGGTEKNIKK

# Christiania Byggteknikk – 70 years of product development!

Christiania Byggteknikk AS, formerly Patentband AS, was established in 1947. From the very start, the company has developed and manufactured the original patentband, as well as technical fastening systems, primarily for the Norwegian building and construction industry.

We're often contacted when a project requires custom-made or completely new solutions. Following several major projects, we've become specialists in adapting our solutions to new materials and construction techniques.

In addition to our patentbands in various designs, materials, and colours, we develop, carry out technical calculations for, and manufacture brackets and mounts for various prefabricated façade elements, supplied complete with the special screws required for attaching them to wood, steel, and concrete.

In addition to manufacturing, we have a modern, automatic packing facility, which supplies the market with our own-brand products, as well as products in our customers' "private brand" packaging.

We thrive on challenges, and often use our technical expertise to reconstruct and improve our own production lines in the factory to achieve optimal results.

If you've an idea, we'd be interested to hear about it! We're always interested in participating in new projects! Find out more about us at [www.cbtek.no](http://www.cbtek.no)



Patentbands are available in the following lengths and packaging:



10 metre roll



3 metre / 1,5 metre packaging

Available materials and colours:



Galvanized/copper/stainless steel A-4/aluminium/white plastic/grey plastic/black plastic/red plastic/orange plastic/green plastic

# Product list

Item no:	Description	Pcs. / Roll
03120	AR 12 mm galvanized*	3 m
03121	AR 12 mm copper*	1,5 m
03122	AR 12 mm stainless steel A-4*	1,5 m
03124	AR 12 mm white plastic*	3 m
03125	AR 12 mm grey plastic*	3 m
03126	AR 12 mm black plastic*	3 m
03160	PR 16 mm galvanized*	3 m
03164	PR 16 mm white plastic*	3 m
03165	PR 16 mm grey plastic*	3 m
03170	AR 17 mm galvanized*	3 m
03171	AR 17 mm copper*	1,5 m
03172	AR 17 mm stainless steel A-4*	1,5 m
03174	AR 17 mm white plastic*	3 m
10120	AR 12 mm galvanized	10 m
10160	PR 16 mm galvanized	10 m
10170	AR 17 mm galvanized	10 m
10260	AR 26 mm galvanized	10 m
10121	AR 12 mm copper	10 m
10171	AR 17 mm copper	10 m
10261	AR 26 mm copper	10 m

Art. Nr:	Beskrivelse	Stk. / Rull
10122	AR 12 mm stainless steel A-4	10 m
10172	AR 17 mm stainless steel A-4	10 m
10262	AR 26 mm stainless steel A-4	10 m
10173	AR 17 mm aluminium	10 m
10124	AR 12 mm white plastic	10 m
10164	PR 16 mm white plastic	10 m
10174	AR 17 mm white plastic	10 m
10264	AR 26 mm white plastic**	10 m
10125	AR 12 mm grey plastic	10 m
10165	PR 16 mm grey plastic	10 m
10175	AR 17 mm grey plastic	10 m
10265	AR 26 mm grey plastic**	10 m
10126	AR 12 mm black plastic	10 m
10166	PR 16 mm black plastic	10 m
10176	AR 17 mm black plastic	10 m
10266	AR 26 mm black plastic**	10 m

\* 1.5 and 3 m can only be bought in a pack of 10.

\*\* NEW, made-to-order products.

How the profiles look:



**AR 12 mm**

Hole Ø 5,0 mm

**Plastic coated:**

Hole Ø 4,3 mm



**AR 17 mm**

Hole Ø 7,0 mm

**Plastic coated:**

Hole Ø 6,3 mm



**AR 26 mm**

Hole Ø 8,6 mm

**Plastic coated:**

Hole Ø 7,6 mm



**PR 16 mm**

Hole Ø 6,4 mm and 3,3 mm

**Plastic coated:**

Hole Ø 5,7 mm and 2,4 mm

# Product list – technical information

Type	Dimension (mm)	Material (mm)	Max. load (N)	Roll (m)	Roll/Carton (pcs.)	DIY pack (m)	DIY pack (pcs.) Carton
AR 12 (ALL ROUND)	12 X 0,8	Galvanized	582	10	10	3,0	10
	12 X 0,9	Copper	424	10	10	1,5	10
	12 X 0,8	AISI 316L 1	1 036	10	10	1,5	10
	12 X 1,0	Aluminium	393	10	10	-	-
* Galvanized 12 x 0,8	*13 x 1,4	White	582	10	10	3,0	10
* Galvanized 12 x 0,8	*13 x 1,4	Grey	582	10	10	3,0	10
* Galvanized 12 x 0,8	*13 x 1,4	Black	582	10	10	3,0	10
* Galvanized 12 x 0,8	*13 x 1,4	Green	582	10	10	3,0	10
* Galvanized 12 x 0,8	*13 x 1,4	Red	582	10	10	3,0	10
AR 17 (ALL ROUND)	17 X 0,8	Galvanized	815	10	10	3,0	10
	17 X 0,9	Copper	644	10	10	1,5	10
	17 X 0,8	AISI 316L	1 510	10	10	1,5	10
	17 X 1,0	Aluminium	585	10	10	-	-
* Galvanized 17 x 0,8	*18 x 1,4	White	815	10	10	3,0	10
* Galvanized 17 x 0,8	*18 x 1,4	Grey	815	10	10	3,0	10
* Galvanized 17 x 0,8	*18 x 1,4	Black	815	10	10	3,0	10
* Galvanized 17 x 0,8	*18 x 1,4	Green	815	10	10	3,0	10
* Galvanized 17 x 0,8	*18 x 1,4	Red	815	10	10	3,0	10
AR 26 (ALL ROUND)	26 X 1,0	Galvanized	1 684	10	10	-	-
	26 X 1,2	Copper	1 484	10	10	-	-
	26 X 1,0	AISI 316L	2 869	10	10	-	-
* Galvanized 26 x 1,0	*27 X 1,6	White	1 684	10	10	-	-
* Galvanized 26 x 1,0	*27 X 1,6	Grey	684	10	10	-	-
* Galvanized 26 x 1,0	*27 X 1,6	Black	1 684	10	10	-	-
* Galvanized 26 x 1,0	*27 X 1,6	Green	1 684	10	10	-	-
* Galvanized 26 x 1,0	*27 X 1,6	Red	1 684	10	10	-	-
PR 16 (PRACTILETT)	16 X 0,8	Galvanized	880	10	10	3,0	10
* Galvanized 16 x 0,8	*17 x 1,4	White	880	10	10	3,0	10
* Galvanized 16 x 0,8	*17 x 1,4	Grey	880	10	10	3,0	10
* Galvanized 16 x 0,8	*17 x 1,4	Black	880	10	10	3,0	10
* Galvanized 16 x 0,8	*17 x 1,4	Green	880	10	10	3,0	10
* Galvanized 16 x 0,8	*17 x 1,4	Red	880	10	10	3,0	10

\* Dimensions before and after coating.

Type	Material	Euronorm
GALVANIZED	Cold-rolled pre-galvanized steel	NS-EN 10327
COPPER	Semi-hard, purity, CU (+AG) min. 99,8 %	NS-EN 1652 (DIN 1787)
STAINLESS STEEL	Quality A4	EN 1.4404
ALUMINIUM	Glowed aluminium	EN AW 5754 H111
PLASTIC COATED	Pre-galvanized steel strap, coated with thermo-plastic material, which is resistant to: Seawater, salty liquids, acids, animal and vegetable fat, grease, petroleum products, fungus, and mould. The covering is UV resistant and has good electrical insulating characteristics. Withstands short-term temperatures of up to 100 °C. Working temperature up to 50 °C.	

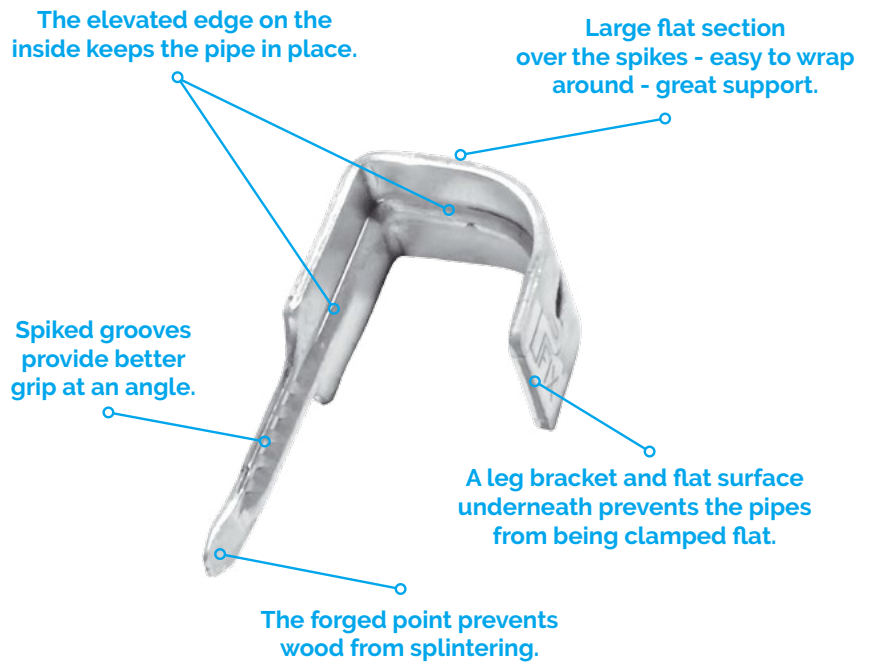
In 2017 we'll be celebrating 70 years as a proud supplier of quality products. Our own invention, the original patentband, is just as relevant as it has always been, and is supplied in a specially-designed plastic dispenser. The bands have great mobility, flexibility, and resilience, and they can also be coated with plastic.



The patentband from Christiania Byggteknikk is manufactured in galvanized steel, stainless steel A-4, aluminium, and copper. The CE-labelled bands are blister packed and come with plastic dispensers. Available in 12, 16, 17, and 26 millimetre sizes.

# Ingenious brackets for corrugated pipes

- **P-fix** are made of hot-dip galvanized steel. High level of protection against corrosion.
- **P-fix** is patented.
- **P-fix** is available in sizes for corrugated pipes for the HVAC and electrical market.
- **P-fix** comes in a transparent plastic box with a lid that can withstand both moisture and cold temperatures.



Product number Patentband	Type P-fix	Pipe diameter	Leg length	Quantity per packet / quantity	EL no.	NRF no.
46716	P-fix 16	16-17	23	25/375	13 467 16	
46816	P-fix 16	16-17	23	100/1000	13 468 16	348 51 52
46720	P-fix 20	20-21	25	25/375	13 467 20	
46820	P-fix 20	20-21	25	80/800	13 468 20	348 52 54
46725	P-fix 25	24-25	30	25/375	13 467 25	
46825	P-fix 25	24-25	30	60/600	13 468 25	348 51 56
46727	P-fix 27	26-28	30	25/375	13 467 27	
46827	P-fix 27	26-28	30	50/500	13 468 27	348 51 58

P-Fix - referenced standards from raw materials to the finished product

P-Fix	Inspection document in accordance with EN standard	Raw material hot-dip galvanized (coatings for steel band) Tolerance in accordance with	Cold-coiled hot-dip galvanized steel in accordance with
Brackets for corrugated pipes Steel thickness: 1.5 mm	EN 10204/2.2	EN 10143:2006	NS-EN 10327 20 mY zink on each side



Pictures from our manufacturing facilities in Vestby



Get in touch for more information!



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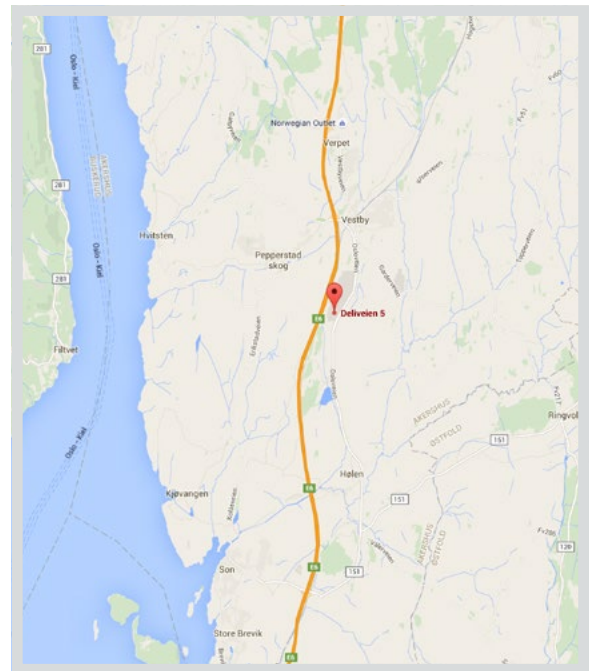
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