

Standard Sealing strip 3714

fako®

UFI № CV8A-Y09Y-H00A-KU0U

TDS 4400

Anti-corrosion flexible one-sided self-adhesive butyl sealing strip, made of highly elastic, synthetic rubber (butyl) of soft rubber-like texture. It adheres reliably without heating.

The butyl sealing strip is driven apart by the contact pressure, but due to its elasticity and plastic properties it penetrates into the smallest joints and unevenness and thus provides an optimum sealing. It can be drawn out to wafer-thin films by hand. Even high contact pressure level is not able to destroy the film.



- ✓ non-ageing
- ✓ watertight
- ✓ tight towards water vapour
- ✓ UV-resistant
- ✓ non-shrink
- ✓ seawater resistant

✓

Properties	Data
NSN	9320-12-159-5918 C3910
Application area	Shipbuilding, building of off-shore platforms and power stations, equipment manufacturing, container construction, caravan, automotive and aeronautic industry etc.
Purpose	A sealant between metal, wood, plastics, organic glass and silicate glass with and among each other. It seals rivet and screw joints, flanged and folded connections. Sealing between metals prevents galvanic /electrolytical corrosion.
Qualities	does not corrode Plexiglas, metal, wood, oil- and synthetic resin paints and does not contain any corroding ingredients. Can be painted over with alkyd resin varnish containing white spirit
Width	10 mm – 120 mm
Thickness	1 mm – 4 mm
Colour	grey
Solids content	app. 99%
Temperature resistance	from -30°C up to + 80°C With increasing temperature fako® Butyl sealing strip Nr.3714 becomes more plastic. There is no material change at excess temperatures of up to 150°C, signs of decomposition occur at approx. +350°C
Limit of elasticity in bending	down to -40°C
Specific gravity	1,46
Delivery form	2,5 meter rolls



Test results

- ✓ Leak tests with single riveted jointed receptacles have shown that a temperature resistance of -30°C to +80°C at a pressure of 0.5 bar is guaranteed. There were used dural sheets of 0.8 mm and 1 mm thickness with a rivet pitch of 25 mm.

Processing and storage

- ✓ **fako®** Butyl sealing strip 3714 can be used immediately without special preparation, no priming required. It is recommended to use the sealing strip in a smaller width than the one of the riveted seam. After removing the protective film, the sealing strip is placed between the rivet or screw seams. In general, it is no longer necessary to drill through the sealing strip.
- ✓ 24 months after date of production at room temperature

Subject to modifications

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Resistance to chemicals:

At room temperature **fako**[®] Sealing strip 3714 are resistant to:

thinned and concentrated hydrochloride acid
thinned and concentrated sulfuric acid
thinned and concentrated phosphoric acid
thinned and concentrated chlorine sulfonic acid
thinned and concentrated phenol sulfonic acid
thinned and concentrated naphthalin sulfonsäure
thinned and concentrated formic acid
thinned and concentrated acetic acid
thinned and concentrated caustic potash solution
thinned and concentrated sodium hydroxide solution
thinned and concentrated ammonia
aqueous quick-lime, aqueous hydrosulfite, copper sulfate solution, hydro gene peroxide, chromic acid, biochromate solution.

At temperatures over 80°C concentrated sulfuric acid leads to carbonization, concentrated nitric acid to decomposition.

Not resistant to liquid, aqueous, gaseous chlorine and bromine.

Reaction with solvents:

not soluble in: methanol, alcohol, glycol, glycerol, acetone, cyclohexanone, methyl acetate, ethyl acetate.

swellable in: aether, butyl acetate, adipose and vegetable fats as well as oils for example lard, butter, fish oil, coconut oil, linseed oil and olive oil.

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