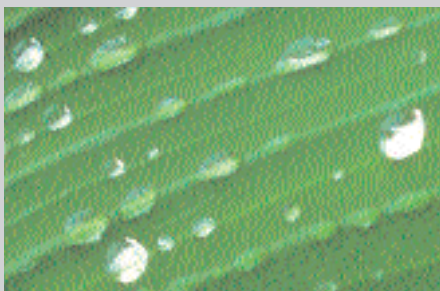


# UBIFLEX

## ENVIRONMENT-FRIENDLY "ECO LEAD" FOR ROOF DUCTS AND OTHER APPLICATIONS

This innovative material, made from environmentally friendly plastic with an aluminium sheathing, can be used instead of toxic lead for a great many applications. Ubiflex is suitable wherever environmentally harmful lead was previously the only solution, for instance as a watertight flashing material for roof windows, dormer windows, solar energy systems and chimneys. Ubiflex is just as malleable as lead but weighs only one-tenth of the heavy metal and does not contain any hazardous substances. It can be shaped exactly as required by bending or hammering.

- No environmental or health risk
- Life expectancy of more than 30 years
- Absolutely corrosion-proof
- Not sensitive to environmental effects such as UV light, temperature changes, wind or water
- Recyclable



### The toxicity of lead

Continuous intake of even minute amounts of one milligram of lead per day results in chronic poisoning of the body. Lead has been used for making pipes ever since Roman times. Since the 1970s, however, its use has no longer been permitted in a range of applications due to its toxicity. Despite the layer of scale that forms inside the pipes, lead becomes dissolved in drinking water. Even after a few metres, the limit value of the current Drinking Water Ordinance is exceeded.

# UBIFLEX

## Properties after installation

- Corrosion resistance
  - Absolutely resistant to corrosion
  - Not sensitive to environmental effects
- UV resistance
  - No impairment by UV radiation according to prEN 1297 and NEN-EN 495-5
- Electrolytic effects
  - No corrosion of aluminium, zinc and copper in the rainwater drain system
- Temperature and weather resistance
  - No material fatigue according to NEN 1296 and NEN-EN 495-
  - No impairment from rapid temperature changes
  - Can be used at temperatures from -30 to 90 °C, yielding test NEN 2088
  - Watertight according to BRL 1511/01, Part 1
  - Absolutely wind-stable, particularly exposed structures can be additionally secured with Ubiflex PB adhesive tape

### Roles

Length (m)	Width (mm)	Weight (kg)
12	150	5.6
12	200	7.4
12	250	9.3
12	300	11.2
12	400	14.9
6	1000	18.6



A Product of

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