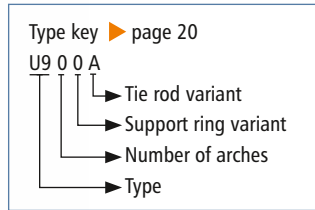


## U900A



### ► Type U900A



## Rectangular universal expansion joint without arch

<b>Design:</b>	Rectangular rubber bellows with full faced rubber flanges and single- or multi-part backing flanges Oval construction type or rounded corners also possible
<b>Dimensions:</b>	Individual length x width
<b>Installation length:</b>	According to customer specification
<b>Pressure:</b>	Depending on the dimensions and installation length up to 6 bar Vacuum stability on request
<b>Movement:</b>	For small axial and lateral movements

### Application:

Power plants, plant construction, food processing, wastewater treatment plants, industrial plants, paper industry e. g. to disconnect apparatus, for compressors



## Rubber bellows

Rubber grades			Carrier
up to 100 °C:	EPDM	Cooling water, hot water, seawater, acids, dilute chlorine compounds	Nylon fabric Kevlar fabric Polyester fabric Glass fibre fabric Steel mesh
	EPDM, drinking water approved	Drinking water	
	EPDM, white, food grade	Foodstuffs	
	EPDM, abrasion-resistant	Abrasive materials, Water-sand extraction	
	EPDM, insulating	Electrical systems construction	
	IIR	Hot water, acids, bases, gases	
	CSM	Strong acids, bases, chemicals	
	NBR	Oils, petrol, solvents, compressed air	
	NBR, bright, food grade	Oil, fatty foods	
up to 80 °C:	CR	Cooling water, slightly oily water, seawater	
up to 70 °C:	NR	Abrasive materials	
up to 150 °C:	HNBR	Oils, petrol, solvents, compressed air	
up to 180 °C:	FPM	Corrosive chemicals, petroleum distillates	
up to 200 °C:	Silicon (Q)	Air, saltwater atmosphere	
	Silicon (Q), white, food grade	Foodstuffs, medical technology	
PTFE lining:	Permanently embedded against chemical attacks on the interior at the rubber bellows		

## Flanges

**Design:** Single-part or multi-part backing flanges with clearance holes

**Flange norms:** According to customer specification

**Materials:**

- Carbon steel: 1.0038 (S235JRG2)  
1.0570 (S355J2G3)
- Stainless steel: 1.4301 (X5CrNi18-10)  
1.4571 (X6CrNiMoTi17-12-2)
- Aluminium: AlMg3
- Other materials on request

**Coating:** Primed, hot-dip galvanised, special paint

## Optional accessories

**Protective hood:** UV protection cover  
Ground protective cover  
Fire protection cover  
(▶ page 50)

**Flow liners:** Cylindrical flow liner  
Conical flow liner  
Telescoping flow liner  
(▶ page 49)

