



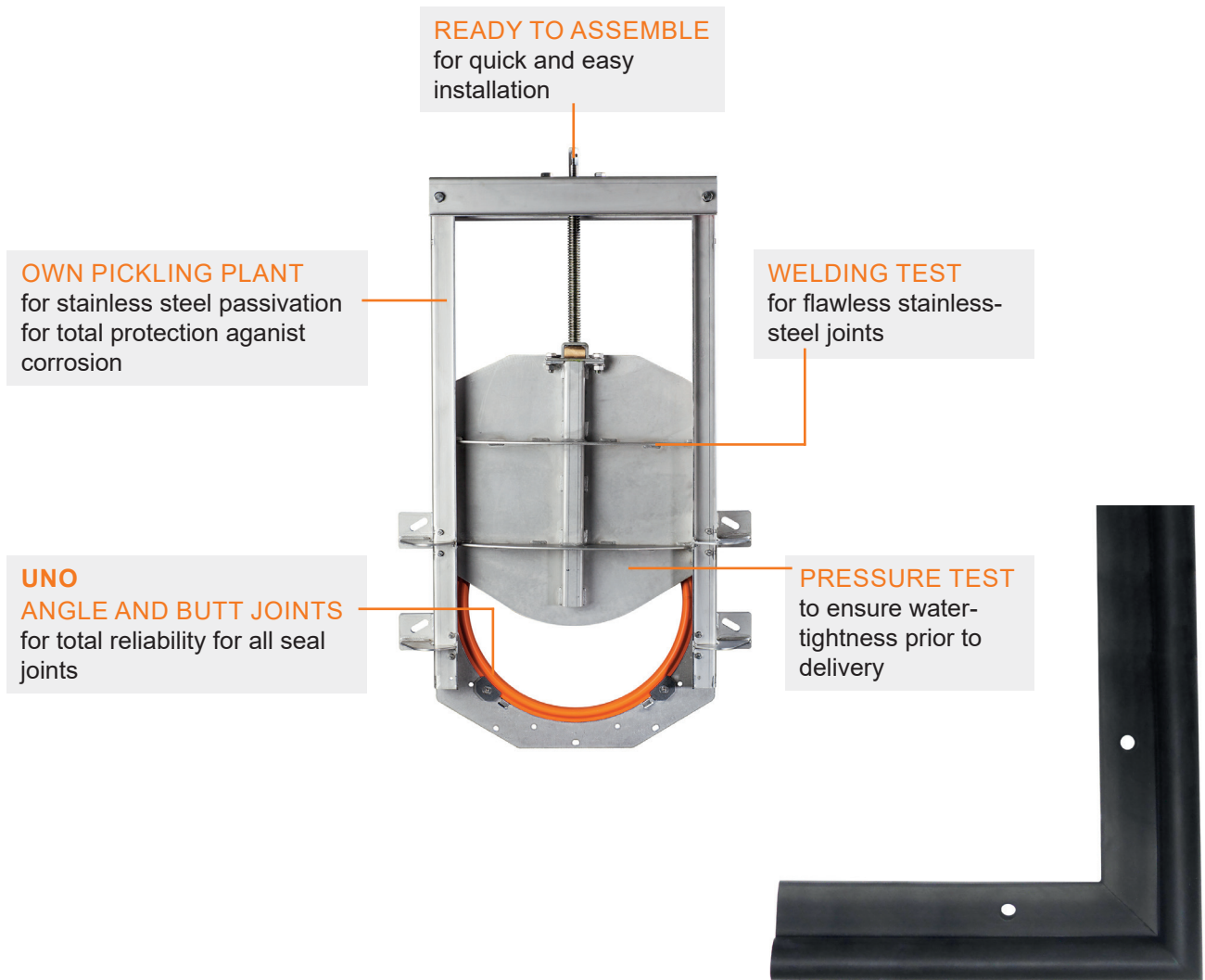
# BÜSCH

## UNO Angle and butt joints

for EPDM and NBR

„Designed to last“

The BÜSCH pledge of quality





## UNO angle and butt joints

DURABLE, RELIABLE, SAFE

### Advantages of UNO

#### UNO

UNO angle and butt joints have the same chemical properties and durability as the vulcanised rubber:

- + IDENTICAL STRENGTH
- + IDENTICAL EXPANSION
- + IDENTICAL ELASTICITY

UNO angle and butt joints therefore form a single unit with the vulcanised rubber, which means:

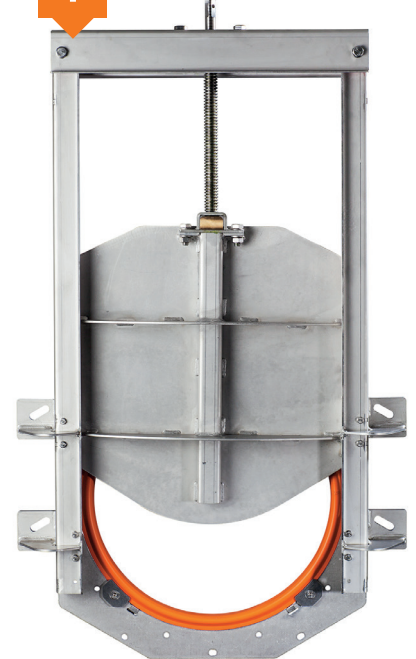
- + IDENTICAL MATERIAL PROPERTIES
- + NO RISK OF JOINT LEAKAGE

#### Adhesive bond

Adhesive bonds always have a property that is independent of the residual material and therefore remain an independent component:

- JOINT QUALITY DEPENDENT ON THE MANUFACTURE
- UNPROVEN LONG-TERM STABILITY
- UNFLEXIBLE ADHESIVE LAYER CONNECTION
- HIGH SUSCEPTIBILITY TO CRACKS
- INCREASED RISK OF JOINT LEAKAGE

**i** PROTECTION CERTIFICATE



**i** STANDARDS FOR HYDRAULIC STEEL CONSTRUCTION VULCANISATION OR SIMILAR PROCESS (BONDING MATERIALS ARE NOT COMPARABLE!)

**i** AVAILABLE FOR ALL BÜSCH PENSTOCKS

#### BÜSCH angle joints

All BÜSCH angle joints are vulcanised, according to the requirements of the hydraulic steel construction standards.

The connecting element used has the same chemical properties as the residual rubber, and forms a unit with it after vulcanisation.

#### BÜSCH butt joints

BÜSCH butt joints (SAFOX®) are butt-welded, which corresponds to a similar procedure in accordance with the standards for hydraulic steel construction.

An intermediate material is not required, as the thermoplastic properties of the elastomers are sufficient.



SAFOX®



XL



CP