

**TEST CERTIFICATE****Product**

Program: Aluminium compression ferrule unions  
Type: Straight male adaptor unions  
Sizes: 8, 12, 18 and 28

**Test Standards**

**DIN EN ISO 9227:2012-09**

Corrosion tests in artificial atmospheres – Salt spray tests

**IEC 61373:2010**

Railway applications - Equipment for railway vehicles - Vibration and shock tests

**Test Institute**

AUCOTEAM GmbH  
Ingenieurgesellschaft für Automatisierungs- und Computertechnik  
Storkower Straße 115a  
DE-10407 Berlin

**Test Result**

The tests were performed as required by the standards and no deficiencies were found by the test institute.

The test samples were then tested for leaks with helium by SERTO AG.

Leak rates of between 1.0E-07 and 1.0E-09 mbar\*l/s were achieved.

**Documentation**

Quality test certificate no. 11633/15 from the test institute on the following page.

Frauenfeld, 16.04.2024



Michael Heusser  
Leiterin Product Management



Claudio Temporal  
Leiter Qualitäts- und Umweltmanagement