

Stagnation Resistance of Hydraulic Connectors for Solar Thermal Applications

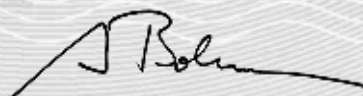
Trade name:	XPress <i>Stainless steel fitting with EPDM or Viton O-Ring and stainless steel tubes</i>
Type:	Pressfitting
Company:	Aalberts integrated piping systems B.V.
Certificate No:	SPF16-160SRHC
Validity:	05.2016 – 05.2026

The hydraulic connectors **XPress 1.4404 stainless steel fitting with EPDM or Viton O-Ring and 1.4401 stainless steel tubes** for solar thermal applications, made by **Aalberts integrated piping systems B.V.** in **NL-1212 AA Hilversum** fulfil the requirements of the SPF-certification procedure "Stagnation Resistance of Hydraulic Connectors in Solar Thermal Applications" version 1.1 (Test report J160-1SRHC). The connectors are considered as suitable for a lifetime exceeding 20 year when used in standard solar thermal installations and therefore have been awarded with the SPF quality certificate **SPF16-160SRHC**.

This certificate covers the following sizes and subtypes:

XPress 1.4404 stainless steel fitting Ø15 mm (DN12) to Ø54 mm (DN50) with EPDM or Viton O-Ring and 1.4401 stainless steel tubes.

The validity of this certificate can be checked under www.spf.ch



Dr. Andreas Bohren
Head of SPF Testing
Rapperswil, 17.08.2021 (prolonged)

Company	Aalberts integrated piping systems B.V. NL-1212 AA Hilversum
Product	XPress 1.4404 stainless steel fitting with EPDM or Viton O-Ring and 1.4401 stainless steel tubes Pressfitting for Solar Thermal Applications Dimension Ø15 mm (DN12) to Ø54 mm (DN50)
Test	SPF Test procedure “Stagnation Resistance of Hydraulic Connectors in Solar Thermal Applications” version 1.1
Validity	05.2016 – 05.2026

Identification



Fig. 1 Fitting before installation (EPDM)



Fig. 2 EPDM and Viton O-Rings



Fig.3 Pressed Fitting

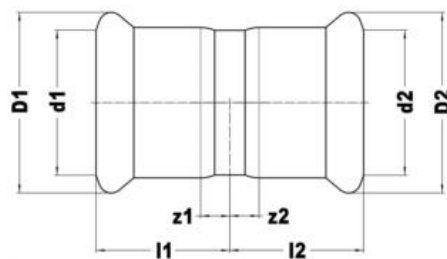


Fig. 4: Dimensions (Example DN20)
d1 = 22 mm; D1 = 32 mm
l1, l2 = 26 mm; z1, z2 = 5 mm

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