

Certificate of Product Approval

Certificate Number: 1033b

Issue: 04

Aalberts Integrated Piping Systems B.V.

Oude Amersfoortseweg 99
1212 AA
Hilversum
The Netherlands

is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Products

VSH XPress Lightweight Stainless Steel Pipework System

(Refer to attached appendix for details)

Standards

TS1599: Issue draft 5

Requirements and testing procedures for the LPCB approval and listing of press-fit pipe and couplings / fittings

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Signed for BRE Global Ltd.

Sarah Colwell
Verifier

16 September 2020
Date of Issue

1 April 2011
Date of First Issue



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Appendix to Certificate No: 1033b Aalberts Integrated Piping Systems B.V.

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VSH XPress Lightweight Stainless Steel Pipework System to TS1599: Issue draft 5

Product	Description	Size (mm)	LPCB Ref. No.
R 2750 R 2752 R 2753	Stainless steel tube 1.4401 Stainless steel tube 1.4521 Stainless steel tube 1.4520	22, 28, 35, 42, 54	1033b/01
R 2701	Straight Coupling (2 x press)	22, 28, 35, 42, 54	1033b/02
R 2703	Slip Coupling (2 x press)	22, 28, 35, 42, 54	1033b/03
R 2708	90° Elbow (2 x press)	22, 28, 35, 42, 54	1033b/04
R 2711	90° Elbow (press x plain end)	22, 28, 35, 42, 54	1033b/05
R 2713	45° Elbow (2 x press)	22, 28, 35, 42, 54	1033b/06
R 2712	45° Elbow (press x plain end)	22, 28, 35, 42, 54	1033b/07
R 2725	90° Bend (2 x plain end)	22, 28, 35, 42, 54	1033b/08
R 2724	60° Bend (2 x plain end)	28, 35, 42, 54	1033b/09
R 2723	30° Bend (2 x plain end)	28, 35, 42, 54	1033b/10
R 2722	15° Bend (2 x plain end)	28, 35, 42, 54	1033b/11

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Product	Description	Size (mm)	LPCB Ref. No.
R 2717	Cross over (2 x plain end)	22, 28	1033b/12
R 2714	Tee equal (3 x press)	22, 28, 35, 42, 54	1033b/13
R 2715	Tee reduced (3 x press)	28x22x28, 35x22x35, 35x28x35, 42x22x42, 42x28x42, 42x35x42, 54x22x54, 54x28x54, 54x35x54, 54x42x54	1033b/14
R 2718	Tee threaded (press x fem. thread x press)	22x1/2"x22, 22x3/4"x22, 28x1/2"x28, 28x3/4"x28, 28x1"x28, 35x1/2"x35, 35x3/4"x35, 35x1"x35, 42x1/2"x42, 42x3/4"x42, 42x1"x42, 54x1/2"x54, 54x3/4"x54, 54x1"x54, 54x2"x54	1033b/15
R 2707	Reducer (press x plain end)	28x22, 35x22, 35x28, 42x28, 42x35, 54x35, 54x42,	1033b/16
R 2702	Straight connector (press x female thread)	22x1/2", 22x3/4", 22x1", 28x1/2", 28x3/4", 28x1", 28x1 1/4", 35x1", 35x1 1/4", 35x1 1/2", 42x1 1/4", 42x1 1/2", 54x1 1/2", 54x2"	1033b/17
R 2705	Straight connector (press x male thread)	22x1/2", 22x3/4", 22x1", 28x3/4", 28x1", 28x1 1/4", 35x1", 35x1 1/4", 35x1 1/2", 42x1 1/4", 42x1 1/2", 54x1 1/2", 54x2"	1033b/18
R 2735	Straight union (press x male thread)	22x1/2", 22x3/4", 22x1", 28x1", 35x1 1/4", 42x1 1/2", 54x2"	1033b/19
R 2738	Straight union (press x female thread)	22x3/4", 22x1", 28x1", 35x1 1/4", 42x1 1/2", 54x2"	1033b/20
R 2728	90° Angle adaptor (press x male thread)	22x3/4", 28x1", 35x1 1/4", 42x1 1/2", 54x2"	1033b/21
R 2709	90° Angle adaptor (press x female thread)	22x1/2", 22x3/4", 28x1/2", 28x3/4", 28x1", 35x1/2", 35x3/4", 35x1", 35x1 1/4"	1033b/22

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Product	Description	Size (mm)	LPCB Ref. No.
R 2704	Coupling with nut (press x female thread)	22, 28, 35, 42, 54	1033b/23
R 2726	Flanged connector (press x flange)	22, 28, 35, 42, 54	1033b/24
R 2748	Transition connector (press x grooved)	28x33.7, 35x42.4, 42x48.3, 54x60.3	1033b/25
R 2729	Stop end (1 x press)	22, 28, 35, 42, 54	1033b/26
R 2741	Slip coupling (press x female thread)	22x1/2", 22x3/4", 28x1/2", 28x3/4"	1033b/27
R 2736	Coupling (press x flat seal)	22x1 1/4", 22x1 1/2", 28x1 1/2", 35x2", 42x2 1/4", 54x2 3/4"	1033b/28

Notes:

1. The above VSH XPress pipework and fittings are to be installed using the Novopress ECO301, ACO201, ACO202, ECO201, ECO202, EFP2, EFP202 and Klauke UAP2 pressing tools in accordance with the VSH User Manual. These tools shall be serviced and maintained in accordance with the manufacturer's stated guidelines.
2. VSH XPress pipework and fittings may only be installed by LPCB Approved Sprinkler Contractors who have undergone adequate training by the manufacturer.
3. VSH XPress pipework and fittings shall be installed in accordance with the VSH User Manual: XPress Sprinkler EN-12-1.0.
4. VSH XPress pipework and fittings shall be installed and maintained in conformance with the LPC Rules for Automatic Sprinkler Installations.
5. The use of VSH XPress Sprinkler System pipework and fittings shall be recorded on LPS1048 certificates of conformity.
6. Where a VSH Reducer is installed, a pipe hanger shall be used adjacent to the reducer on the larger pipe.
7. Where VSH system pipework is connected to sprinklers in suspended ceilings, only LPCB Approved flexible drops shall be used.
8. VSH XPress pipework and fittings are not compatible with lightweight piping systems from other manufacturers.

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