



CODEMARK™

Product description

KE KELIT VSH XPress GAS Fittings are manufactured from copper and stainless steel suited for use with stainless steel pipes manufactured in accordance with EN 10312:2002 or, copper pipes that satisfy R250 R290 of EN1057:2006.

Product purpose or use

The KE KELIT VSH XPress GAS Fittings are used for the conveyance of natural gas or liquid petroleum gas.

Certificate holder

KE KELIT NZ Ltd
12 Gregory Street, Naenae,
Lower Hutt 5011
+64 (04) 568 4870 (New Zealand)
www.kekelit.co.nz

CodeMark Product Certification Body

Bureau Veritas Australia Pty Ltd
3/435 Williamstown Road,
Port Melbourne VIC, 3207
Ph: 1800 855 190
www.bureauveritas.com.au

Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

PRODUCT CERTIFICATE

This is to certify that

The KE KELIT VSH XPress GAS Fittings System

Complies with the New Zealand Building Code (NZBC):

If designed, used, installed and maintained in accordance with the scope of this certificate, the above mentioned product will meet or contribute to meeting the following provisions of the NZBC:

- Durability B2.3.1 (a)**
- Hazardous Building Materials F2.3.1**
- Piped Services G10.3.1; G10.3.3**
- Gas as an energy source G11.3.1 & G11.3.5**

Subject to the following conditions and limitations:

1. All design, component selection, installation including selection of tools, and maintenance shall be in accordance with VSH XPress GAS distributed by KE KELIT NZ Technical Manual Revision 1.3 May 2018) (the "manual").
2. All other uses are outside the scope of this certificate.
3. Installation shall be performed by KE KELIT trained and approved installers who carry a hold a KE KELIT Installation training card.

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**BUREAU
VERITAS**



WWW.JAS-ANZ.ORG/REGISTER



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HIKINA WHAKATUTUKI

29 October 2019
Date of issue

CM70044
Certificate Number

- This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificates conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.
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PRODUCT CERTIFICATE



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The KE KELIT VSH XPress GAS Fittings System

General Limitations:

- Consideration needs to be given to need for corrosion protection in certain uses and environments as set out in the manual
- Installation requirements limit temperature to between -20°C and +70°C, and pressure to 500 kPa.
- Pipes should not be stored outside

Stainless Steel Limitations:

- Insulating materials that release chloride ions in water or which could cause a local increase in chloride ions are not permitted. The weight ratio of water-solution chloride ions in the thermal insulation of the pipe may not exceed 0.05%
- When built-in, the pipe and fittings must be wrapped by an elastic and pliable coating that separates the installation completely from the building so that there is no direct contact.
- Stainless steel pipes may not be bent warm.
- HNBR "O" Rings must be used.
- Stainless steel pipes must be manufactured in accordance with EN 10312:2002

Copper Limitations:

- Copper pipes must be protected from the impact of outer corrosion, such as sulphites, nitrites and ammonia. Insulating materials must be nitrate free (i.e. contain no more than 0.02% nitrate).
- NBR "O" Rings must be used
- Copper tube is not for installation below ground, unless installed in protective ducting.
- Fittings can only be used with copper pipes conforming to R250/290 of EN 1057:2006.

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