



Product certificate K25301/08

Issued 2023-08-15

Replaces K25301/07

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Metal press fittings for PE-X/Al piping system

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

APE Raccorderie

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 E "Plastics piping system of PE-X/Al intended for transport of hot and cold drinking water." dated 15-12-2011 inclusive amendment sheet dated 10-03-2015.

Ron Scheepers
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.*

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Metal press fittings for PE-X/Al piping system

PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate.

Press fittings
Serie AP

Code	Article	Dimension
3AP1011216	Straight Male	1/2 X Ø16
3AP1011220		1/2 X Ø20
3AP1013416		3/4 X Ø16
3AP1013420		3/4 X Ø20
3AP1013426		3/4 X Ø26
3AP1010126		1" X Ø26
3AP1010132		1"1 X Ø32
3AP1021216	Straight Female	1/2 X Ø16
3AP1021220		1/2 X Ø20
3AP1023420		3/4 X Ø 20
3AP1023426		3/4 X Ø 26
3AP1020126		1" X Ø26
3AP1020132		1" X Ø32
3AP1031616	Staight coupling	Ø16 X Ø16
3AP1032020		Ø20 X Ø20
3AP1032626		Ø26 X Ø26
3AP1033232		Ø32 X Ø32
3AP1032016	Staight reducer coupling	Ø20 X Ø16
3AP1032620		Ø26 X Ø20
3AP1033226		Ø32 X Ø26
3APT161616	Tee	Ø16 X Ø16 X Ø16
3APT202020		Ø20 X Ø20 X Ø20
3APT262626		Ø26 X Ø26 X Ø26
3APT323232		Ø32 X Ø32 X Ø32
3APT162016	Reducing Tee	Ø16 X Ø20 X Ø16
3APT201616		Ø20 X Ø16 X Ø16
3APT201620		Ø20 X Ø16 X Ø20
3APT202016		Ø20 X Ø20 X Ø16
3APT202620		Ø20 X Ø26 X Ø20
3APT261620		Ø26 X Ø16 X Ø20
3APT261626		Ø26 X Ø16 X Ø26
3APT262016		Ø26 X Ø20 X Ø16
3APT262020		Ø26 X Ø20 X Ø20
3APT262026		Ø26 X Ø20 X Ø26
3APT262616		Ø26 X Ø26 X Ø16
3APT262620		Ø26 X Ø26 X Ø20
3APT263226		Ø26 X Ø32 X Ø26
3APT322026		Ø32 X Ø20 X Ø26
3APT322032		Ø32 X Ø20 X Ø32
3APT322626		Ø32 X Ø26 X Ø26
3APT322632		Ø32 X Ø26 X Ø32
3APT323226		Ø32 X Ø32 X Ø26
3AP1321216	Female Tee	1/2 X Ø16
3AP1321220		1/2 X Ø20
3AP1323420		3/4 X Ø20
3AP1323426		3/4 X Ø26
3AP1320132		1" X Ø32

Code	Article	Dimension
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Metal press fittings for PE-X/Al piping system

3AP1331216		1/2 X Ø16
3AP1331220		1/2 X Ø20
3AP1333420	Male Tee	3/4 X Ø20
3AP1333426		3/4 X Ø26
3AP1330132		1" X Ø32

3AP1510016		Ø16 X Ø16
3AP1510020		Ø20 X Ø20
3AP1510026	Elbow	Ø26 X Ø26
3AP1510032		Ø32 X Ø32

Code	Article	Dimension
3AP1521216		1/2 X Ø16
3AP1521220		1/2 X Ø20
3AP1523420	Female Elbow	3/4 X Ø20
3AP1523426		3/4 X Ø26
3AP1520132		1" X Ø32
3AP1531216		1/2 X Ø16
3AP1531220		1/2 X Ø20
3AP1533420	Male Elbow	3/4 X Ø20
3AP1533426		3/4 X Ø26
3AP1530132		1" X Ø32
3AP154L1216	Elbow with short flange	1/2 X Ø16
3AP154L1220		1/2 X Ø20
3AP1541216	Elbow with flange	1/2 X Ø16
3AP1541220		1/2 X Ø20
3AP1541216D	Double elbow with flange	Ø16 X 1/2 X Ø16
3AP1541220D		Ø20 X 1/2 X Ø20

Code	Article	Dimension
3AP1851216		1/2 X Ø16
3AP1851220		1/2 X Ø20
3AP1853416	Fitting with rotating nut	3/4 X Ø16
3AP1853420		3/4 X Ø20
3AP4921216	Plate with two elbow	1/2 X Ø16
3AP4921220		1/2 X Ø20
3AP54A1216		1/2 X Ø16
3AP54A1220	Single tap connector	1/2 X Ø20
3AP54A3420		3/4 X Ø20
3AP54B1220	Double tap connector 90°	1/2 X Ø20
3AP54C1216	Double tap connector 165°	1/2 X Ø16
3AP54C1220		1/2 X Ø20

Metal press fittings for PE-X/Al piping system

Serie APL

If otherwise mentioned the specified female thread are configured Rp and male threads are configured R.

Code	Article	Dimension
ARL1003100	Straight male	½ X Ø16
ARL1003200		½ X Ø20
ARL1004200		¾ X Ø20
ARL1004300		¾ X Ø26
ARL1010300		1" X Ø26
ARL1010400		1"X Ø32
ARL1011500		1" ¼ X Ø40
ARL1012600		1" ½ X Ø50
ARL1020700		2" X Ø63
ARL1103100	Straight female	½ X Ø16
ARL1103200		½ X Ø20
ARL1104200		¾ X Ø20
ARL1104300		¾ X Ø26
ARL1110300		1"X Ø26
ARL1111500		1" ¼ X Ø40
ARL1112600		1" ½ X Ø50
ARL1120700		2" X Ø63
ARL1110400		1"X Ø32
Code	Article	Dimension
ARL1200110	Straight coupling	Ø16 X Ø16
ARL1200220		Ø20 X Ø20
ARL1200330		Ø26 X Ø26
ARL1200440		Ø32 X Ø32
ARL1300210		Ø20 X Ø16
ARL1300320		Ø26 X Ø20
ARL1300430		Ø32 X Ø26
ARL1200440		Ø32 X Ø32
ARL1300530		Ø40 X Ø26
ARL1300540		Ø40 X Ø32
ARL1300640		Ø50 X Ø32
ARL1200550		Ø40 X Ø40
ARL1200660		Ø50 X Ø50
ARL1300650		Ø50 X Ø40
ARL1200770		Ø63 X Ø63
ARL1300750		Ø63 X Ø40
ARL1300760		Ø63 X Ø50
ARL2200111	Tee	Ø16 X Ø16 X Ø16
ARL2200222		Ø20 X Ø20 X Ø20
ARL2200333		Ø26 X Ø26 X Ø26
ARL2200444		Ø32 X Ø32 X Ø32
ARL2200555		Ø40 X Ø40 X Ø40
ARL2200666		Ø50 X Ø50 X Ø50
ARL2200777		Ø63 X Ø63 X Ø63
Code	Article	Dimension
ARL2400121	Reducing Tee	Ø16 X Ø20 X Ø16
ARL2400211		Ø20 X Ø16 X Ø16
ARL2400212		Ø20 X Ø16 X Ø20
ARL2400221		Ø20 X Ø20X Ø16
ARL2400313		Ø26 X Ø16 X Ø26
ARL2400322		Ø26 X Ø20 X Ø20
ARL2400323		Ø26 X Ø20 X Ø26
ARL2400332		Ø26 X Ø26 X Ø20
ARL2400443		Ø32 X Ø32 X Ø26
ARL2400424		Ø32 X Ø26 X Ø26
ARL2400433		Ø32 X Ø26 X Ø26
ARL2400525		Ø40 X Ø20 X Ø40
ARL2400535		Ø40 X Ø26 X Ø40

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ARL2400545		Ø40 X Ø32 X Ø40
Code	Article	Dimension
ARL2400626		Ø50 X Ø20 X Ø50
ARL2400636		Ø50 X Ø26 X Ø50
ARL2400646		Ø50 X Ø32 X Ø50
ARL2400656	Reducing Tee	Ø50 X Ø40 X Ø50
ARL2400757		Ø63 X Ø40 X Ø63
ARL2400767		Ø63 X Ø50 X Ø63
ARL2103101		Ø16 X1/2X Ø16
ARL2103202		Ø20X1/2X Ø20
ARL2104202		Ø20X3/4X Ø20
ARL2104303		Ø26X3/4X Ø26
ARL2110404	Female Tee	Ø32 X 1" X Ø32
ARL2110500		1" X Ø40
ARL2110600		1" X Ø50
ARL2110700		1" X Ø63
ARL2111500		1"1/4 X Ø40
ARL2112600		1"1/2 X Ø50
ARL2003101		Ø16 X ½ X Ø16
ARL2004202	Male Tee	Ø20 X 3/4 X Ø20
ARL2004303		Ø26 X ¾ X Ø26
ARL2010404		Ø32 X1"X Ø32
ARL3200110		Ø16 X Ø16
ARL3200220		Ø20 X Ø20
ARL3200330		Ø26 X Ø26
ARL3200440	Elbow	Ø32 X Ø32
ARL3200550		Ø40 X Ø40
ARL3200660		Ø50 X Ø50
ARL3200770		Ø63 X Ø63
ARL3103100		½ X Ø16
ARL3103200		½ X Ø20
ARL3104200		3/4X Ø 20
ARL3104300	Female elbow	3/4X Ø 26
ARL3110400		1" X Ø 32
ARL3111500		1" ¼ X Ø40
ARL3112600		1" ½ X Ø50
ARL3003100		½ X Ø16
ARL3003200		½ X Ø20
ARL3004200	Male elbow	¾ X Ø20
ARL3004300		¾ X Ø26
ARL3010400		1"X Ø32
ARL8800555		Ø40 X Ø40
ARL8800666	45° elbow	Ø50 X Ø50
ARL8800777		Ø63 X Ø63
ARL3503100	Elbow with flange	½ X Ø16
ARL3503200		½ X Ø20
ARL3803100	Two elbow with plate	½ X Ø16
Code	Article	Dimension
ARL6000110	Tap	Ø16 X Ø16
ARL6000220		Ø20 X Ø20
ARL7100100		Ø16
ARL7100200	End Cap	Ø20
ARL7100300		Ø26
ARL7100400		Ø32

Metal press fittings for PE-X/Al piping system

Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

MARKING

The products shall be marked with the Kiwa-mark.

Fittings

The minimum required marking on the fittings shall be:

- **KIWA**  or on small products  or  or **KK** or **KK** (if not possible **KIWA**  only on the smallest packaging unit);
- Kiwa (if not possible Kiwa only on the smallest packaging);
- the manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe;
- production code.

The realization of the marks is as follows: clear, durable and indelible.

The smallest packaging unit of the fittings are provided with at least the following information:

- **KIWA** ;
- certificate number of the accompanying technical approval-with-product certificate of the piping system, according the marking of the belonging pipe;
- the manufacturer's name, trade name, system name or logo;
- material identification if the fitting body is made of plastics;
- nominal outside diameter and nominal wall thickness of the corresponding pipe in mm.

The realization of the marks is as follows: clear, durable and indelible.

APPLICATION AND USE

The products are designed for drinking water installations with a lifetime of 50 years at an operating temperature profile according to class 2 10508 and an allowable working pressure of maximum 10 bar.

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- APE Raccorderie
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.