



K-MARK



ACB PC 03

PRODUCT CERTIFICATE OF CONFORMITY

Certificate No : IKRAM 03619FG

Certificate Holder

**VIEGA GmbH & Co. KG,
Viega Platz 1,
57439, Attendorn, Germany.**

Product Name

Multilayer Piping Systems For Hot And Cold Water Installations Inside Buildings - Fittings

Standard

ISO 21003 - 3 : 2008

Product Description

Product descriptions shall refer to ANNEX

Brands

Viega

Manufacturer

**VIEGA GmbH & Co. KG,
Viega Platz 1,
57439, Attendorn, Germany.**

Date of original issue

02.08.2019

Date of renewal

16.11.2023

Date of amendment

21.11.2022

Expiry Date

30.11.2024



MOHAMAD AKHIR BIN ABDULLAH
Director

DATO' Ts. HAJI MOHD TAUFIK BIN HARON
Chairman

This certificate remains the property of IKRAM QA SERVICES SDN.BHD. and shall be returned on request.
IKRAM QA Services Sdn. Bhd. (199901004665)

Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia.
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“Viega Smartpress” Stainless steel with support body from polyphenylsulfone (PPSU) fittings

Type	*Nominal Diameter, dn (mm)	Nominal Wall Thickness of The Corresponding Pipe(s) (mm)	Design Pressure (bar)	Application Class
Bend 90°, Bend 45°, Equal Tee, Coupler	16	2.0	10	2
	20	2.3	10	2
	25	2.8	10	2
	32	3.2	10	2
	40	3.5	10	2
	50	4.0	10	2
	63	4.5	10	2

Type	Nominal Diameter, dn (mm)	Nominal Wall Thickness of The Corresponding Pipe(s) (mm)	Design Pressure (bar)	Application Class
Reducing Coupler	20 x 16, 25 x 20, 32 x 25, 40 x 32, 50 x 40, 63 x 50	2.0	10	2
		2.3	10	2
		2.8	10	2
		3.2	10	2
		3.5	10	2
		4.0	10	2
		4.5	10	2

*Note : The nominal diameter, dn, correspond to the nominal outside diameter of the pipe conforming to ISO 21003-2, for which they are designed.

Joint System : Mechanical



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Type	*Nominal Diameter, dn (mm)	Nominal Wall Thickness of The Corresponding Pipe(s) (mm)	Design Pressure (bar)	Application Class	
Reducing Tee	16 x 20 x 16, 16 x 16 x 20, 20 x 16 x 20, 20 x 20 x 16, 25 x 16 x 16, 25 x 16 x 25, 25 x 16 x 20, 25 x 16 x 25, 25 x 20 x 20, 25 x 20 x 25, 25 x 25 x 16, 25 x 25 x 20	2.0	10	2	
		2.3	10	2	
		2.8	10	2	
	32 x 16 x 25, 32 x 16 x 32, 32 x 20 x 20, 32 x 20 x 32, 32 x 25 x 25, 32 x 25 x 32	2.0	10	2	
		2.3	10	2	
		2.8	10	2	
		3.2	10	2	
	40 x 20 x 40, 40 x 25 x 32, 40 x 25 x 40, 40 x 32 x 32, 40 x 32 x 40	2.3	10	2	
		2.8	10	2	
		3.2	10	2	
	50 x 25 x 50, 50 x 32 x 50	3.5	10	2	
		2.8	10	2	
		3.2	10	2	
	63 x 25 x 63, 63 x 32 x 63, 63 x 40 x 63	4.0	10	2	
		2.8	10	2	
		3.2	10	2	
		3.5	10	2	
			4.5	10	2

*Note : The nominal diameter, dn, correspond to the nominal outside diameter of the pipe conforming to ISO 21003-2, for which they can designed.

Joint System : Mechanical



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02.08.2019	16.11.2023	21.11.2022	30.11.2024

Certificate Descriptions :

1. IKRAM QA Services Sdn. Bhd. is accredited by Department of Standards Malaysia (Standards Malaysia) according to ISO/IEC 17065 : 2012 for certification of products with certificate number ACB PC 03.
2. This certificate has been approved and issued in compliance with **IKRAM QA Scheme 1**.
3. IKRAM QA Scheme 1 is product certification scheme owned by IKRAM QA which using certification scheme Type 5.
4. It is hereby certified that the product as detailed in this certificate has satisfactorily complied with the requirement of the appropriate Product Standard(s).
5. Certification mark for IKRAM QA Scheme 1 is **K-Mark**.

Certificate Information :

Product Code : E0218

Old Certificate Number : IKRAM-I265E3-E0218-NF3619

1. P1 – KPS 84/20 (19.08.2020) – Amendment of expiry date from August to November on 19.08.2020.
2. P2 – KPS 83/21 (18.11.2021) – Change of certificate holder and manufacturer's name from original name Viega Technology GmbH & Co. KG.
3. P3 – KPS 157/22 (21.11.2022) – Change of product descriptions.