



K-MARK



ACB PC 03

PRODUCT CERTIFICATE OF CONFORMITY

Certificate No : IKRAM 01023FS

Certificate Holder

**GEORG FISCHER WAVIN AG.,
Ebnatstrasse 111,
8201 Schaffhausen, Switzerland.**

Product Name

Polyethylene (PE) Piping Systems For Water Supply

Standard

BS EN 12201 - 3 : 2011 + A1 : 2012

Product Description

Product descriptions shall refer to ANNEX

Brands

WAVIN

Manufacturer

**GEORG FISCHER PIPING SYSTEMS LTD.,
Ebnatstrasse 111,
8201 Schaffhausen, Switzerland.**

Date of original issue
18.05.2023

Date of renewal
NIL

Date of amendment
NIL

Expiry Date
31.05.2024



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.
Tel: +603 8738 3212 Fax: +603 8736 7254 Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



IKRAM QA Services Sdn. Bhd. (199901004665)
 Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
 43000 Kajang, Selangor Darul Ehsan, Malaysia.
 Tel: +603 8738 3212 Fax: +603 8736 7254
 Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my

ACB PC 03



ANNEX - Page 1

Certificate No : IKRAM 01023FS

Certificate Holder : GEORG FISCHER WAVIN AG.,

Date of original issue
18.05.2023

Date of renewal
NIL

Date of amendment
NIL

Expiry Date
31.05.2024

Type of Fittings : Fusion Fittings

Fitting	Pressure Rating/ Pipe Series	Nominal Diameter, d _n (mm)	Raw Material Compound For PE 100
Coupler	PN 16, SDR 11	20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	Eltex TUB 121 Hostalen CRP 100 Black
End Cap	PN 16, SDR 11	20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	Eltex TUB 121 Hostalen CRP 100 Black
Elbow 90°	PN 16, SDR 11	20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315	Eltex TUB 121 Hostalen CRP 100 Black
Flange Adaptor	PN 16, SDR 11	20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	Eltex TUB 121 Hostalen CRP 100 Black
Equal Tee 90°	PN 16, SDR 11	20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	Eltex TUB 121 Hostalen CRP 100 Black



IKRAM QA Services Sdn. Bhd. (199901004665)
Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
43000 Kajang, Selangor Darul Ehsan, Malaysia.
Tel: +603 8738 3212 Fax: +603 8736 7254
Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



ANNEX - Page 2

Certificate No : IKRAM 01023FS

Certificate Holder : GEORG FISCHER WAVIN AG.,

Date of original issue
18.05.2023

Date of renewal
NIL

Date of amendment
NIL

Expiry Date
31.05.2024

Type of Fittings : Fusion Fittings

Fitting	Pressure Rating/ Pipe Series	Nominal Diameter, d _n (mm)	Raw Material Compound For PE 100
Reducer	PN 16, SDR 11	25 x 20, 32 x 20, 32 x 25, 40 x 20, 40 x 25, 40 x 32, 50 x 20, 50 x 25, 50 x 32, 50 x 40, 63 x 32, 63 x 40, 63 x 50, 75 x 40, 75 x 50, 75 x 63, 90 x 50, 90 x 63, 90 x 75, 110 x 63, 110 x 75, 110 x 90, 125 x 63, 125 x 75, 125 x 90, 125 x 110, 140 x 75, 140 x 90, 140 x 110, 140 x 125, 160 x 90, 160 x 110, 160 x 125, 160 x 140, 180 x 90, 180 x 110, 180 x 125, 180 x 140, 180 x 160, 200 x 140, 200 x 160, 200 x 180, 225 x 140, 225 x 160, 225 x 180, 225 x 200, 250 x 160, 250 x 180, 250 x 200, 250 x 225, 280 x 200, 280 x 225, 280 x 250, 315 x 200, 315 x 225, 315 x 250, 315 x 280, 355 x 250, 355 x 280, 355 x 315, 400 x 280, 400 x 315, 400 x 355, 450 x 280, 450 x 315, 450 x 355, 450 x 400, 500 x 315, 500 x 355, 500 x 400, 500 x 450, 560 x 355, 560 x 400, 560 x 450, 560 x 500, 630 x 400, 630 x 450, 630 x 500, 630 x 560	Eltex TUB 121 Hostalen CRP 100 Black
Reduced Tee	PN 16, SDR 11	25 x 20, 32 x 20, 32 x 25, 40 x 20, 40 x 25, 40 x 32, 50 x 20, 50 x 25, 50 x 32, 50 x 40, 63 x 32, 63 x 40, 63 x 50, 75 x 32, 75 x 40, 75 x 50, 75 x 63, 90 x 50, 90 x 63, 90 x 75, 110 x 63, 110 x 75, 110 x 90, 125 x 63, 125 x 75, 125 x 90, 125 x 110, 140 x 75, 140 x 90, 140 x 110, 140 x 125, 160 x 63, 160 x 75, 160 x 90, 160 x 110, 160 x 125, 160 x 140, 180 x 90, 180 x 110, 180 x 125, 180 x 140, 180 x 160, 200 x 63, 200 x 90, 200 x 110, 200 x 125, 200 x 140, 200 x 160, 200 x 180, 225 x 75, 225 x 90, 225 x 110, 225 x 125, 225 x 140, 225 x 160, 225 x 180, 225 x 200, 250 x 110, 250 x 160, 250 x 180, 250 x 200, 250 x 225, 280 x 200, 280 x 225, 280 x 250, 315 x 200, 315 x 280, 355 x 250, 355 x 280	Eltex TUB 121 Hostalen CRP 100 Black



IKRAM QA Services Sdn. Bhd. (199901004665)
Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
43000 Kajang, Selangor Darul Ehsan, Malaysia.
Tel: +603 8738 3212 Fax: +603 8736 7254
Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



ANNEX - Page 3

Certificate No : IKRAM 01023FS

Certificate Holder : GEORG FISCHER WAVIN AG.,

Date of original issue
18.05.2023

Date of renewal
NIL

Date of amendment
NIL

Expiry Date
31.05.2024

Type of Fittings : Fusion Fittings

Fitting	Pressure Rating/ Pipe Series	Nominal Diameter, d _n (mm)	Raw Material Compound For PE 100
Tapping Saddle	PN 16, SDR 11	63 x 20, 63 x 25, 63 x 32, 63 x 40, 63 x 63, 75 x 20, 75 x 25, 75 x 32, 75 x 40, 75 x 63, 90 x 20, 90 x 25, 90 x 32, 90 x 40, 90 x 63, 110 x 25, 110 x 32, 110 x 40, 110 x 63, 125 x 20, 125 x 25, 125 x 32, 125 x 40, 125 x 63, 140 x 20, 140 x 25, 140 x 32, 140 x 40, 140 x 63, 160 x 20, 160 x 25, 160 x 32, 160 x 40, 160 x 63, 180 x 20, 180 x 25, 180 x 32, 180 x 40, 180 x 63, 200 x 20, 200 x 25, 200 x 32, 200 x 40, 200 x 63, 225 x 20, 225 x 25, 225 x 32, 225 x 40, 225 x 63, 250 x 20, 250 x 25, 250 x 32, 250 x 40, 250 x 63, 280 x 63, 315 x 63, 355 x 63, 400 x 63	Eltex TUB 121 BorSafe HE3490-LS-H
Branch Saddle	PN 16, SDR 11	63 x 63, 75 x 63, 90 x 63, 110 x 63, 125 x 63, 140 x 63, 160 x 63, 180 x 63, 200 x 63, 225 x 63, 250 x 63, 280 x 63, 315 x 63, 355 x 63, 400 x 63	Eltex TUB 121 BorSafe HE3490-LS-H
Branch Saddle	PN 16, SDR 11	110 x 90, 110 x 110, 125 x 90, 125 x 110, 140 x 90, 140 x 110, 160 x 90, 160 x 110, 160 x 125, 180 x 90, 180 x 110, 180 x 125, 200 x 90, 200 x 110, 200 x 125, 225 x 90, 225 x 110, 225 x 125, 250 x 90, 250 x 110, 250 x 125, 280 x 90, 280 x 110, 280 x 125, 315 x 90, 315 x 110, 315 x 125, 315 x 160, 315 x 225, 355 x 90, 355 x 110, 355 x 125, 355 x 160, 355 x 225, 400 x 90, 400 x 110, 400 x 125, 400 x 160, 400 x 225, 450 x 90, 450 x 110, 450 x 125, 450 x 160, 450 x 225, 450 x 315, 500 x 90, 500 x 110, 500 x 125, 500 x 160, 500 x 225, 500 x 315, 560 x 160, 560 x 225, 560 x 315, 630 x 90, 630 x 110, 630 x 125, 630 x 160, 630 x 225, 630 x 315	Eltex TUB 121



IKRAM QA Services Sdn. Bhd. (199901004665)
 Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
 43000 Kajang, Selangor Darul Ehsan, Malaysia.
 Tel: +603 8738 3212 Fax: +603 8736 7254
 Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my

ACB PC 03



ANNEX - Page 4

Certificate No : IKRAM 01023FS

Certificate Holder : GEORG FISCHER WAVIN AG.,

Date of original issue
18.05.2023

Date of renewal
NIL

Date of amendment
NIL

Expiry Date
31.05.2024

Type of Fittings : Fusion Fittings

Fitting	Pressure Rating/ Pipe Series	Nominal Diameter, d _n (mm)	Raw Material Compound For PE 100
Tapping Saddle	PN 16, SDR 11	63 x 20, 63 x 25, 63 x 32, 63 x 40, 63 x 63, 75 x 20, 75 x 25, 75 x 32, 75 x 40, 75 x 63, 90 x 20, 90 x 25, 90 x 32, 90 x 40, 90 x 63, 110 x 25, 110 x 32, 110 x 40, 110 x 63, 125 x 20, 125 x 25, 125 x 32, 125 x 40, 125 x 63, 140 x 20, 140 x 25, 140 x 32, 140 x 40, 140 x 63, 160 x 20, 160 x 25, 160 x 32, 160 x 40, 160 x 63, 180 x 20, 180 x 25, 180 x 32, 180 x 40, 180 x 63, 200 x 20, 200 x 25, 200 x 32, 200 x 40, 200 x 63, 225 x 20, 225 x 25, 225 x 32, 225 x 40, 225 x 63	Hostalen CRP 100 Black
Branch Saddle	PN 16, SDR 11	63 x 63, 75 x 63, 90 x 63, 110 x 63, 110 x 90, 110 x 110, 125 x 63, 125 x 90, 125 x 110, 140 x 63, 140 x 90, 140 x 110, 160 x 63, 160 x 90, 160 x 110, 160 x 125, 180 x 63, 180 x 90, 180 x 110, 180 x 125, 200 x 63, 200 x 90, 200 x 110, 200 x 125, 225 x 63, 225 x 90, 225 x 110, 225 x 125	Hostalen CRP 100 Black



IKRAM QA Services Sdn. Bhd. (199901004665)
Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
43000 Kajang, Selangor Darul Ehsan, Malaysia.
Tel: +603 8738 3212 Fax: +603 8736 7254
Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



ANNEX - Page 5

Certificate No : IKRAM 01023FS

Certificate Holder : GEORG FISCHER WAVIN AG.,

Date of original issue
18.05.2023

Date of renewal
NIL

Date of amendment
NIL

Expiry Date
31.05.2024

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 : E0210
Brand WAVIN owned by WAVIN B.V.