


CERTIFICATE

Certificate holder	HAKA Plast OÜ Tööstuse 35 45201 Lääne-Virumaa Kadrina ESTONIA
Production facility	Lääne-Virumaa Kadrina, Estonia
Product	Pressure pipes made from Polyethylene (PE) for alternative installation techniques - PE 100-RC
Classification	EG 926.2, Outer diameter 75 mm to 225 mm
Type, Model	Pressure Pipes Monolayer
Remarks to the type	PAS 1075 Type 1 - TW Basis EN 12201-2
Testing basis	PAS 1075:2009-04 Certification Scheme Plastic Piping Systems (Pressure Pipes and Fittings) (2017-05)
Mark of conformity	
Registration No.	P1R0544
Valid until	2024-07-31
Right of use	This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number. See annex for further information.

2020-01-03

Dipl.-Wi.-Ing. (FH) Sören Scholz
Head of Certification Body

S.S.



ANNEX

Certificate	P1R0544 dated 2020-01-03
Technical Data	<p>PAS 1075 Type 1 - TW Basis EN 12201-2</p> <p>Outer diameter 75 mm to 225 mm, SDR 11 and SDR 17</p> <p>Material: PE 100-RC</p> <p>Material type: see production facility related material list</p> <p>Colour: black with blue stripes</p> <p>Operating over pressure burstlining: see Certification Scheme Plastic piping systems (Pressure pipes and fittings)(2017-05) Annex O 14</p>
Testing laboratory/ Inspection body	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
Test report(s)	<p>R19 03 3584-E1-E2-E3_PLT+_interim report dated 2019-07-10 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16 R19 03 3584-A1.1-A1.2_PLT dated 2019-12-15 R19 03 3584-F_PLT_interim report dated 2019-12-15 R19 03 3584-E1-E2-E3_PLT+ dated 2019-09-06 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16</p>



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Certificate holder	HAKA Plast OÜ Tööstuse 35 45201 Lääne-Virumaa Kadrina ESTONIA
Production facility	Lääne-Virumaa Kadrina, Estonia
Product	Pressure pipes made from Polyethylene (PE) for alternative installation techniques - PE 100-RC
Classification	EG 926.3, Outer diameter 250 mm to 630 mm
Type, Model	Pressure Pipes Monolayer
Remarks to the type	PAS 1075 Type 1 - TW Basis EN 12201-2
Testing basis	PAS 1075:2009-04 Certification Scheme Plastic Piping Systems (Pressure Pipes and Fittings) (2017-05)

Mark of conformity



Registration No. P1R0545

Valid until 2024-07-31

Right of use This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.
See annex for further information.

2020-01-03
Dipl.-Wi.-Ing. (FH) Sören Scholz
Head of Certification Body

S. Scholz



ANNEX

Certificate	P1R0545 dated 2020-01-03
Technical Data	<p>PAS 1075 Type 1 - TW Basis EN 12201-2</p> <p>Outer diameter 250 mm to 630 mm, SDR 11 and SDR 17</p> <p>Material: PE 100-RC</p> <p>Material type: see production facility related material list</p> <p>Colour: black with blue stripes</p> <p>Operating over pressure burstlining: see Certification Scheme Plastic piping systems (Pressure pipes and fittings)(2017-05) Annex O 14</p>
Testing laboratory/ Inspection body	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
Test report(s)	<p>R19 03 3584-E1-E2-E3_PLT+_interim report dated 2019-07-10 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16 R19 03 3584-A1.1-A1.2_PLT dated 2019-12-15 R19 03 3584-F_PLT_interim report dated 2019-12-15 R19 03 3584-E1-E2-E3_PLT+ dated 2019-09-06 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16</p>



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Certificate holder	HAKA Plast OÜ Tööstuse 35 45201 Lääne-Virumaa Kadrina ESTONIA
Production facility	Lääne-Virumaa Kadrina, Estonia
Product	Pressure pipes made from Polyethylene (PE) for alternative installation techniques - PE 100-RC
Classification	EG 926.2, Outer diameter 75 mm to 225 mm
Type, Model	Pressure Pipes Multilayer
Remarks to the type	PAS 1075 Type 2 2L - TW Basis EN 12201-2
Testing basis	PAS 1075:2009-04 Certification Scheme Plastic Piping Systems (Pressure Pipes and Fittings) (2017-05)

Mark of conformity**Registration No.** P1R0548**Valid until** 2024-07-31**Right of use** This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.
See annex for further information.

2020-01-03

Dipl.-Wi.-Ing. (FH) Sören Scholz
Head of Certification Body

A handwritten signature in blue ink, appearing to be 'S. S.', is written over a horizontal line.



ANNEX

Certificate	P1R0548 dated 2020-01-03
Technical Data	<p>PAS 1075 Type 2 2L - TW Basis EN 12201-2</p> <p>Outer diameter 75 mm to 225 mm, SDR 11 and SDR 17</p> <p>Material: PE 100-RC</p> <p>Material type: see production facility related material list</p> <p>Colour outer layer: blue Colour inner layer: black</p> <p>Operating over pressure burstlining: see Certification Scheme Plastic piping systems (Pressure pipes and fittings)(2017-05) Annex O 14</p>
Testing laboratory/ Inspection body	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
Test report(s)	<p>R19 03 3584-E1-E2-E3_PLT+_interim report dated 2019-07-10 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16 R19 03 3584-A1.1-A1.2_PLT dated 2019-12-15 R19 03 3584-F_PLT_interim report dated 2019-12-15 R19 03 3584-E1-E2-E3_PLT+ dated 2019-09-06 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16</p>

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Product	Pressure pipes made from Polyethylene (PE) for alternative installation techniques - PE 100-RC
Classification	EG 926.3, Outer diameter 250 mm to 630 mm
Type, Model	Pressure Pipes Multilayer
Remarks to the type	PAS 1075 Type 2 2L - TW Basis EN 12201-2
Testing basis	PAS 1075:2009-04 Certification Scheme Plastic Piping Systems (Pressure Pipes and Fittings) (2017-05)

Mark of conformity



Registration No. P1R0549

Valid until 2024-07-31

Right of use This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.
See annex for further information.

2020-01-03
Dipl.-Wi.-Ing. (FH) Sören Scholz
Head of Certification Body

S.S.



ANNEX

Certificate	P1R0549 dated 2020-01-03
Technical Data	<p>PAS 1075 Type 2 2L - TW Basis EN 12201-2</p> <p>Outer diameter 250 mm to 630 mm, SDR 11 and SDR 17</p> <p>Material: PE 100-RC</p> <p>Material type: see production facility related material list</p> <p>Colour outer layer: blue Colour inner layer: black</p> <p>Operating over pressure burstlining: see Certification Scheme Plastic piping systems (Pressure pipes and fittings)(2017-05) Annex O 14</p>
Testing laboratory/ Inspection body	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
Test report(s)	<p>R19 03 3584-E1-E2-E3_PLT+_interim report dated 2019-07-10 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16 R19 03 3584-A1.1-A1.2_PLT dated 2019-12-15 R19 03 3584-F_PLT_interim report dated 2019-12-15 R19 03 3584-E1-E2-E3_PLT+ dated 2019-09-06 R19 03 3584-B_ACT dated 2019-01-16 R19 03 3584-C_ACT dated 2019-01-16</p>