


# CERTIFICATE

<b>Certificate holder</b>	<b>HAKA Plast OÜ</b> <b>Tööstuse 35</b> <b>45201 Lääne-Virumaa Kadrina</b> <b>ESTONIA</b>
<b>Production facility</b>	Lääne-Virumaa Kadrina, Estonia
<b>Product</b>	Pressure pipes made from Polyethylene (PE) for alternative installation techniques - PE 100-RC
<b>Classification</b>	EG 926.2, Outer diameter 75 mm to 225 mm
<b>Type, Model</b>	Pressure Pipes Monolayer
<b>Remarks to the type</b>	PAS 1075 Type 1 - AW Basis EN 12201-2
<b>Testing basis</b>	PAS 1075:2009-04 Certification Scheme Plastic Piping Systems (Pressure Pipes and Fittings) (2017-05)
<b>Mark of conformity</b>	
<b>Registration No.</b>	P1R0546
<b>Valid until</b>	2024-07-31
<b>Right of use</b>	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

# ANNEX

<b>Certificate</b>	P1R0546 dated 2020-01-03
<b>Technical Data</b>	<p>PAS 1075 Type 1 - AW 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 brown stripes</p> <p>Operating over pressure burstlining: see Certification Scheme Plastic piping systems (Pressure pipes and fittings)(2017-05) Annex O 14</p>
<b>Testing laboratory/ Inspection body</b>	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
<b>Test report(s)</b>	<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>



# CERTIFICATE

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

**Mark of conformity****Registration No.** P1R0547**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

<b>Certificate</b>	P1R0547 dated 2020-01-03
<b>Technical Data</b>	<p>PAS 1075 Type 1 - AW 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 brown stripes</p> <p>Operating over pressure burstlining: see Certification Scheme Plastic piping systems (Pressure pipes and fittings)(2017-05) Annex O 14</p>
<b>Testing laboratory/ Inspection body</b>	Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY
<b>Test report(s)</b>	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



# CERTIFICATE

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

**Mark of conformity****Registration No.** P1R0550**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

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



# ANNEX

<b>Certificate</b>	P1R0550 dated 2020-01-03
<b>Technical Data</b>	<p>PAS 1075 Type 2 2L - AW 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: brown 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>
<b>Testing laboratory/ Inspection body</b>	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
<b>Test report(s)</b>	<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>

# 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 926.3, Outer diameter 250 mm to 630 mm

**Type, Model** Pressure Pipes Multilayer

**Remarks to the type** PAS 1075 Type 2 2L - AW  
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.** P1R0551

**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

<b>Certificate</b>	P1R0551 dated 2020-01-03
<b>Technical Data</b>	<p>PAS 1075 Type 2 2L - AW 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: braun 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>
<b>Testing laboratory/ Inspection body</b>	<p>Hessel Ingenieurtechnik GmbH Am Münsterwald 3 52159 Roetgen GERMANY</p>
<b>Test report(s)</b>	<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>