

CERTIFICATE

Certificate holder	HakaGerodur AG Mooswiesstr. 67 9201 Gossau SWITZERLAND
Production facility	Neustadt/Sachsen
Product	Plastic piping and multilayer piping systems for warm water floor heating systems and radiator connecting systems
Type, Model	PE-RT Typ I, 5-Schicht Rohr / HakaGerodur 5-Schicht-Heizungsrohr
Testing basis	DIN 4726:2017-10 DIN EN ISO 21003-2:2011-07 DIN EN ISO 21003-3:2008-11 DIN EN ISO 21003-5:2008-11 Certification Scheme Plastic piping and multilayer piping systems for warm water floor heating systems and radiator connecting systems (2019-03)

Mark of conformity

Registration No. 3V462 MVR (P)

Valid until 2028-08-31

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.

2023-08-17

C. Seiser
Dipl.-Phys. Carlo Seiser
Head of Certification Body



ANNEX

Certificate	3V462 MVR (P) dated 2023-08-17
Technical Data	<p>Pipe:</p> <ul style="list-style-type: none">- Name of manufacturer: Gerodur MPM GmbH & Co. KG- Production plant: Neustadt/Sachsen- Material designation: PE-RT Type I /EVOH/ PE-RT Type I- Nominal-outside diameter x nominal thickness (mm): 10 x 1.3; 12 x 1.4; 14 x 2.0; 16 x2.0; 17 x 2.0; 20 x 2.0; 25 x 2.3- Application class and permissible operating pressure: Class 4 & 5 /6 bar <p>Fitting/Connector:</p> <ul style="list-style-type: none">- Name of the manufacturer: IPA Produktions- und Vertriebsges .m.b.H.Production plant: Rohrbach an der Gölsen, Austria- Type of fitting: compression fitting- Material designation: Metal- Type designation: Mechanical Metal Connectors for plastic pipes (M-MK)
Testing laboratory/ Inspection body	<p>IMA Materialforschung und Anwendungstechnik GmbH Postfach 80 01 44 01101 Dresden GERMANY</p> <p>Technische Universität Darmstadt Zentrum für Konstruktionswerkstoffe Staatliche Materialprüfungsanstalt Darmstadt Grafenstr. 2 64283 Darmstadt GERMANY</p>
Test report(s)	<p>V071/20.1 dated 2022-07-21 V071/20.2 dated 2022-12-22 V280/18.1 dated 2019-12-20 V280/18.2 dated 2019-12-20 K 21 1034.5 dated 2021-10-19 K 21 1034.3 dated 2021-10-19 K 21 1034.5 dated 2021-10-19 K 21 1034.6 dated 2021-10-19</p>

