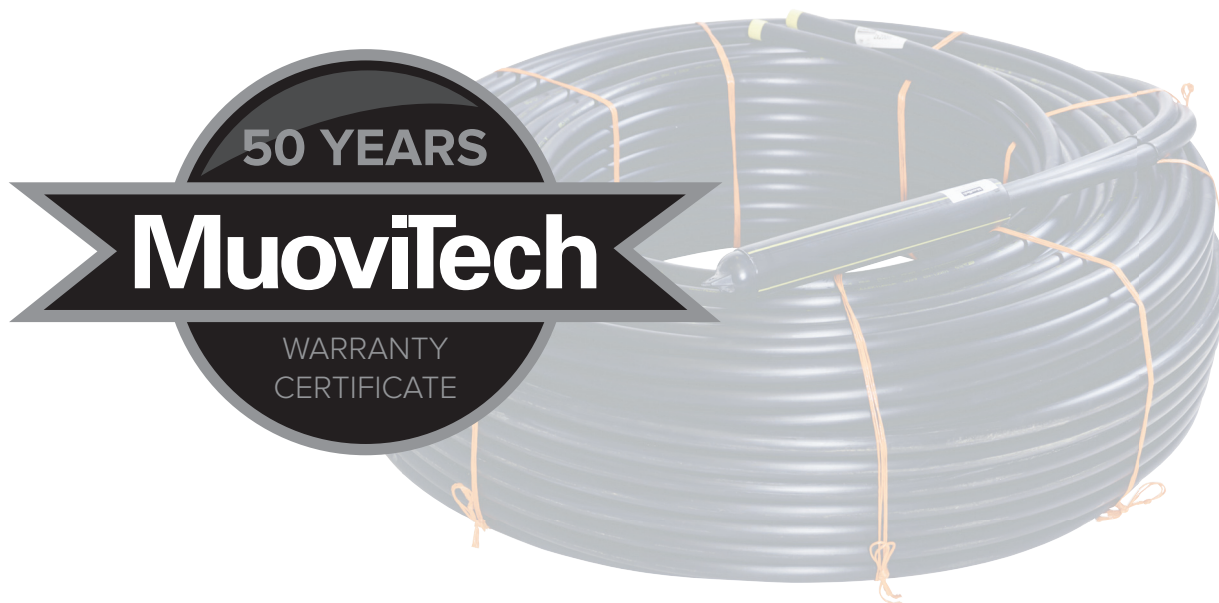


CERTIFICATE OF GUARANTEE



This Certificate state that MuoviTech AB give 50 years life time of all boreholes and other produced PE tubing. This guaranty is based on the EU standard for pressure pipes INSTA SBC 12201 EN 12201:2003 as well as the Manufacturing Norm for geothermal energy collectors attached. Also it state that MuoviTech AB give 10 years of guaranty for all fabricated manifolds en manifold chambers.

This certificate is to certify that the above mentioned products are manufactured in accordance with EU standard for pressure pipes INSTA SBC 12201 EN 12201:2003 as well as the Swedish Manufacturing Norm for geothermal energy collectors Normbrunn 2007, and comply with the German Guidelines VDI 4640 for ground coupled heat pumps, utes and direct thermal use of the underground.

All MuoviTech collectors are pressure tested before leaving our production facilities and are type approved by Swedish body Swedcert under certificate no 0558. MuoviTech production facilities are furthermore certified and under supervision by both SP Swedish National Testing Institute and the German Süddeutsche Kunststoff-Zentrum SK-Z HR 3.26 approved under Certificate A 483.

Heimo Ojala

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Head of Quality

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