

TAPPING SADDLE

MADE OF PE 100



agru
AMERICA





The Plastics Experts

Agru America, Inc. is part of Alois Gruber GmbH, an Austrian family-owned business since 1948 with production facilities in Austria, the U.S., Germany, China and India, and distribution in over 80 countries worldwide. One of Agru's core competences involves the manufacturing of piping systems made of polyethylene (PE) for the supply of natural gas and potable water. Within the product group AGRULINE, a complete range of pipes, fittings and valves, as well as the required joining technology are offered.

It is often necessary to make branches and house connections from main supply lines. Manufactured using an automated injection-molding process of carefully selected and approved PE100 materials, Agru tapping saddles provide a safe and reliable solution for accomplishing this. An important feature of the two stage production process is the inclusion of a fully embedded resistance wire, which offers significant advantages.

TAPPING SADDLE



The Product

Agru tapping saddles are welded onto the main pipe by means of electrofusion welding. The patented, telescopic punch or cutter system enables a leak-proof opening of the branch connection while the main pipe is pressurized. The branch is designed for the usage of excess flow valves. The saddle construction ensures a high flow rate and a small pressure drop. In addition, all tapping saddles are marked with a traceability code for electronic record keeping.

Quality

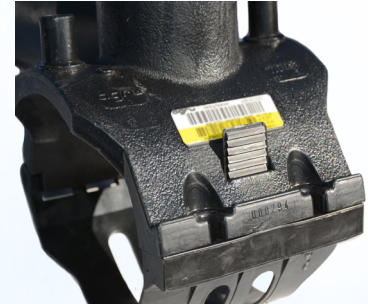
A quality management system according to ASTM D2513, ASTM D3261, ASTM F1055, NSF 61 and internal inspections ensure continuously high quality. Regular third-party certifications confirm the compliance with international standards and regulations. This is documented by multiple approvals and certificates.

Features and Advantages

- Approved for natural gas and potable water.
- No blow-by during the tapping process due to the telescopic punch design. No additional tooling needed for gas tight tapping.
- Compatible with all barcode processor units due to ISO standardized fusion barcodes.
- Fusion joints can be pressure tested using Agru Test Caps.
- Smooth and easily cleanable welding surface.
- Fusion coil is protected against damage and corrosion.
- Easy installation with fixing tab on the under clamp.
- Agru tapping saddles have long outlet lengths which allow for multiple fusions, and ease of scraping.



Fusable Cap



Fixing Tab

SAFE AND RELIABLE PIPEWORK EXTENSION



Available Size Range

All tapping saddles are supplied with standard screw-on caps. Electrofusion caps are also available upon request.

Main Sizes: 2" IPS through 6" IPS

Outlet Sizes: ½" CTS through 1" IPS





Electrofusion Fittings

Agru electrofusion fittings are made of PE 100/4710 for safe and reliable joining of PE piping systems.

- Easy joining procedure
- Entirely embedded resistance wire
- Excellent long-term life cycle
- Large product range for flexible solutions

Our newest developments are E-couplers made of PE 100-RC. They are the optimum solution for demanding applications.



AGRULINE

PIPING SYSTEMS FOR NATURAL GAS, WATER & SEWAGE



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