

Technical Information – Guideline

DVGW G 452-3 (M) March 2021

**Tapping and Shutting Off; Part 3: Squeezing off Plastic Pipelines
for Gas with Pressures above 5 bar and up to 16 bar and Outer
Diameters up to 225 mm**

Anbohren und Absperren; Teil 3: Abquetschen von Kunststoffrohrleitungen für
Gas mit Drücken über 5 bar bis 16 bar und Außendurchmesser bis 225 mm

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Tapping and Stopping off; Part 3: Squeezing off Plastic Pipelines for Gas with Pressures above 5 bar and up to 16 bar and Outer Diameters up to 225 mm

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Preface

This Guideline has been elaborated by the project group "Squeezing off Plastic Pipelines" within the DIN/DVGW Joint Working Committee "Plastic Piping Systems Outside of Buildings" on behalf of the Technical Committee „Gas Distribution". It supplements the DVGW Standard G 452-2 "Tapping and Stopping off; Part 2: Squeezing off Plastic Pipelines for Gas with Pressures up to 5 bar and Outside Diameters up to 315 mm" from August 2020 for pressures above 5 bar up to 16 bar and outside diameters up to 225 mm.

It is based on research results, the conclusions of which are thus made available for practical application.

The relevant factor is the pressure prevalent during squeezing off. For pipelines which are operated above 16 bar, pressure reduction provides an option for application. In case of pressures up to 5 bar, DVGW Standard G 452-2 exclusively applies. In case of pressures above 5 bar up to 16 bar, this Guideline applies additionally.