

Declaration of Performance

No. 969 004

1. Unique identification code of the product type
Ductile iron fittings for gas pipelines with screwed socket connection Union SMU DIN 28601 DN 40 - DN 300 PFA 16 or with bolted-gland socket joint STO DN 80 - DN 600 PFA 16 or with socket joint TYTON® DIN 28603 DN 60 - DN 600 PFA 16 or with flange EN 1092-2 DN 40 - DN 600 PFA 16
2. Batch number
Item no., nominal width, angle and manufacturing date see each product
3. Intended use
Gas supply pipelines
4. Name and contact address
Düker
Düker GmbH
Hauptstraße 39-41
D-63846 Laufach
www.dueker.de
5. Where applicable, authorised representative
Not applicable
6. System of assessment
System 3
7. Details
The notified body Materialprüfungsamt Nordrhein-Westfalen 0432 performed the initial type testing of the functional capability as per EN 969:2009-07 annex ZA and issued a test report.
8. Product with a European Technical Assessment
Not applicable

Essential characteristics	Performance	Harmonised technical specification
Dimension tolerances (on external diameter DE for compatibility purposes)	pass	EN 969:2009-07
Internal pressure strength (tensile strength)	> 420 MPa	EN 969:2009-07
Impact resistance	< 250 HB	EN 969:2009-07
Longitudinal bending resistance	NPD*	EN 969:2009-07
Maximum load for admissible deformation	NPD*	EN 969:2009-07
<u>Leak tightness: gas and liquids</u>		
pneumatic internal pressure	threshold (1,5 PFA)	EN 969:2009-07
positive external pressure	threshold (2 bar)	EN 969:2009-07
<u>Durability aspects</u>		
External coatings for pipes	NPD*	EN 969:2009-07
Internal linings for fittings	threshold (50 µm)	EN 969:2009-07
Hazardous substances	NPD*	EN 969:2009-07

* No Performance Determined

10. Conclusion
The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

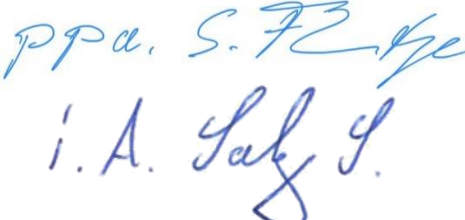
Stefan Flentge, Head of Innovation

and

Simon Salg, Quality Management

Names and functions

Karlstadt, 20.09.2022
Place and date of issue



Signatures