



EADIPS®
FGR®

**European Association for
Ductile Iron Pipe Systems**

Fachgemeinschaft Guss-Rohrsysteme

EADIPS®/FGR® STANDARD

2013-06

Ductile iron fittings and valves
Packaging of ductile iron fittings and valves

EADIPS®/FGR® 74

Formstücke und Armaturen aus duktilem Gusseisen

Verpackung von Formstücken und Armaturen

Replaces 2012-02 edition

Amendments

To Normative references
Valves have been added

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1. Scope

This standard is intended to ensure that drinking water fittings and valves are protected against soiling and contamination. Also, suitable steps are to be taken to protect all drinking water and sewage fittings and valves conforming to EADIPS®/FGR® standards against damage when being transported, stored or despatched.

Its requirements also apply to suppliers, to in-house storage and to order-picking operations for despatch to customers.

2. Normative references

EN 805

Water supply – Requirements for systems and components outside buildings
2000

EN 14901

Ductile iron pipes, fittings and accessories - Epoxy coating (heavy duty) of ductile iron fittings and accessories –
Requirements and test methods
2006

EN 1074-1

Valves for water supply - Fitness for purpose requirements and appropriate verification tests -
Part 1: General requirements
2000

DVGW W 291

Reinigung und Desinfektion von Wasserverteilungsanlagen
(Cleaning and disinfection of water distribution systems)
2000-03

DVGW W 346

Guss- u. Stahlrohrleitungsteile mit ZM-Auskleidung, Handhabung
(Cast iron and steel pipes and components with internal mortar lining – Handling)
2000-08

DVGW W 400-2

Technische Regeln Wasserverteilungsanlagen (TRWV); Teil 2: Bau und Prüfung
(Technical rules water distribution systems; part 2: construction and testing)
2004-09

SVGW W4

Richtlinien für die Planung, Projektierung sowie Bau, Betrieb und Unterhalt von
Trinkwasserversorgungssystemen außerhalb von Gebäuden
(Guideline for design, planning as well as construction, operation and maintaining of drinking
water supply systems outside of buildings)
2004

RAL-GZ 662

Güte und Prüfbestimmungen; Anhang B: Handhabung, Transport und Lagerung
(Provisions of quality assurance and testing; annex B: handling, transportation and storage)
2008-01

3. Packaging materials

Packaging materials must be recyclable.

4. Packaging

4.1 General

Transportation should preferably be in lattice box pallets. Order-picking onto disposable pallets for deliveries to installation sites is permissible.

The stacking and arrangement must ensure that parts cannot damage one another.

Separate parts or articles which will not fit into a lattice box pallet are to be order-picked onto Euro pallets or disposable pallets and transported on them. Any projection beyond the edges of pallets is to be avoided if at all possible.

4.2 Fittings

Up to DN 300

Openings are to be closed off with the appropriate EADIPS®/FGR® protective caps.

DN 350 and above

Openings are similarly to be closed off by some suitable means, e.g. covers of weathering-resistant materials, shrink films, or the like. If steel strapping is used, the coating of fittings must be protected at the points where it is in contact with the strapping.