
**Ships and marine technology — Fittings
for use with gasketed mechanical
couplings used in piping applications —
Performance specification**

*Navires et technologie maritime — Raccords pour utilisation avec les
accouplements mécaniques avec joints utilisés en tuyauterie —
Spécification des performances*



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Foreword

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Ships and marine technology — Fittings for use with gasketed mechanical couplings used in piping applications — Performance specification

1 Scope

This International Standard defines classification, materials, test requirements, inspection requirements, marking and packaging of fittings for use with gasketed mechanical couplings (GMCs) conforming to ISO 15837.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15837, *Ships and marine technology — Gasketed mechanical couplings for use in piping systems — Performance specification*

ASTM F 1548, *Standard Specification for the Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 fitting

a device used to change pipe direction, size or adapt to other joining methods

NOTE This device is used with pipe or other fittings to create a working system. Shapes such as elbows, tees, crosses, reducers and special shapes are used as needed to fulfil system design specifications.

3.2 fabricated fitting

a fitting constructed by welding together sections of pipe or tube

3.3 grooved end fitting

type of fitting or pipe having a groove for use with grooved mechanical couplings (Type I) as defined in ISO 15837

3.4 plain-end fitting

type of fitting or pipe end for use with gasketed mechanical couplings (Type II) that are plain end as defined in ISO 15837

3.5 tangent

a section of straight pipe or tube integral to, or welded to, the end(s) of the fitting