

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 11 702 - 10 HH
Company Dyka B.V.
Productieweg 7
9331 LJ Steenwijk, NETHERLANDS

Product Description THERMOPLASTIC PIPES

Type PVC-U

Environmental Category None

Technical Data /
Range of Application TECHNICAL DATA:
Size range [OD]: 12 up to 160 mm
Pressure range PN: up to 16
Temperature range: 0 [°C] up to + 45[°C], 60°[C] (short term)
Fittings according to EN 1452-3

RANGE OF APPLICATION

The Dyka PVC-U pipes in combination with EN 1452-3 fittings are type approved for sanitary piping systems installed in accommodation-, service- and control spaces and further location where fire endurance test is not required. Refer to GL Rules I-1-2 Machinery Installation, Table 11.1 a and IMO Resolution 753(18).

Limitation

The Installation inside of tanks is not approved.

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Test Standard VI-7-8 Test Requirements for Components and Systems of Mechanical Engineering : 2008, excluding toxicity, smoke generation and fire endurance test. EN 1452-2.

Documents - Dyka test report no.: 10263, Dyka pressure test report dated 19-8-2010
- ISSeP Test Report 1438, 1439/2011 dated 2011-03-31
- GL Audit Report dated 20.08.10

Remarks For application on passenger vessels regulations of flag state authority may have to be observed.

Valid until 2016-05-17

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File No. II.C.04

Hamburg, 2011-05-18

Germanischer Lloyd

Hanspeter Raschle
Hanspeter Raschle

Hagen Markus
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For installation of the piping system the instructions of the pipe and fitting manufacturer and GL Rules I -1- 2 Machinery Installations, Sec. 11 B and Table 11.1 a are to be observed.

Through watertight bulkheads and fire divisions GL type approved pipe penetrations are to be used.

The application of the Dyka PVC-U pipes outside of the approved range of application is subject to special approval by Germanischer Lloyd in each individual case.

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