

# TYPE APPROVAL CERTIFICATE

**This is to certify:****That the Tube Fittings**

with type designation(s)

**MegaPress Press-in Branch Connector for Schedule 10 & Schedule 40**

Issued to

**Viega Technology GmbH & Co. KG  
Attendorn, Nordrhein-Westfalen, Germany**

is found to comply with

**DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems****DNV GL class programme DNVGL-CP-0185 – Type approval – Mechanical joints****Application :****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.****Temperature range: +14°F up to +230°F for EPDM  
+23°F up to +284°F for FKM****Max. working press.: 203 psi****Sizes: 3/4" for pipes diameter 112" up to 6"**Issued at **Hamburg** on **2019-06-19**This Certificate is valid until **2024-06-18**.for **DNV GL**DNV GL local station: **Essen**Approval Engineer: **Christian Kaemmer**

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**Olaf Drews  
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



## Product description

### Press-in branch connector:

Press-in branch connector consisting of a housing with a sealing element made of EPDM or FKM. It has an 3/4" internal NPT-thread acc. to ASME B1.20.1 and is assembled perpendicular to the pipe axis. Assembling by means of a tool set, drilling device and drilling shaft. Type approved for wall thickness for schedule 10 & schedule 40.

Press-in branch connector Diameter [inch]	Pipe Outer Diameter [inch]	Min. Wall thickness of pipes [inches]	
		Schedule 10	Schedule 40
3/4"	1 1/2"	0.109	0.145
3/4"	2"	0.109	0.154
3/4"	2 1/2"	0.120	0.203
3/4"	3"	0.120	0.216
3/4"	4"	0.120	0.237
3/4"	6"	0.134	0.280

**Pipes:** In accordance with ASTM A53  
**Pressing tool:** Pressgun 5 and other respective pressing machines & Viega tool set.

Sealing materials	EPDM	FKM
Size [inch]	3/4"	3/4"
Temperature range	14°F / 230°F	23°F / 284°F
Limited Temperature for compressed air	14°F / 140°F	23°F / 140°F

## Application/ Limitations

The Megapress fittings are type-approved for class III-piping systems for applications:

- Fire extinguishing systems
- Bilge lines
- Ballast Systems
- Tank cleaning systems
- Cargo oil lines
- Fuel oil lines
- Domestic heating & cooling
- Compressed air
- Condensate return lines
- Vacuum lines
- Inert Gas
- Non-essential systems

Job Id: **262.1-028499-1**  
Certificate No: **TAP00001N1**

Restrictions for above mentioned applications for compression couplings "press type" acc. to DNVGL-Rules Part 4 Chapter 6 Section 9 Table 11 and according to Viega-application-list are to be observed. Approved for fire resistance, not approved for potable water. Schedule 40 only to be used with pipes made of carbon steel. Max. working pressure 145 psi for compressed air @ diameter 6".

## **Type Approval documentation**

### **Tests carried out**

#### **Production place**

Viega Supply Chain GmbH & Co KG  
Viegastrasse 1  
D-99518 Großheringen / Germany

#### **Marking of product**

- Manufacturer`s name
- Size of the fitting
- County of origin
  
- Batch code / Quality trace number

#### **Periodical assessment**

For retention of the Type Approval, a DNV GL Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the Type Approval are complied with. Refer to DNVGL-CP-0338, Sec.4.