



# NIPPON KAIJI KYOKAI

## TYPE APPROVAL CERTIFICATE

Certificate No. TA22038M

**This is to certify** that the undernoted products have been approved in accordance with the requirements 12.3.3, Chapt.12, Part D of “Rules for the Survey and Construction of Steel Ships” and Chapt.9, Part 6 “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use”.

This certificate is issued to

Manufacturer:	<b>Victaulic Company</b>
Product description:	<b>Mechanical Joints</b>
Type of Joint:	<b>Coupling</b>
Model:	<b>Style 75, Style 77, Style 07, Style W77</b>
Approval No.:	<b>22FV101</b>
Valid until:	<b>19 January 2027</b>

This certificate is subject to the conditions specified in the attached sheet.

Issued at Tokyo on 20 January 2022

T. Shimada  
General Manager  
Machinery Department

• **Particulars and conditions:**

Model	Nominal Dia. (inch)	Design Press. (kPa)	Design Temp. (°C)	Material <sup>1)</sup>	Kind of Fluid
Style 75	1-8	3447	EPDM: -34 to +110 Nitrile: -29 to +82 Silione: -34 to +177	Ductile iron EPDM,Nitrile	Hydraulic oil, Lubricating oil, Fuel oil, Compressed air, Fresh water, Sea water, Steam, Gas (Table D12.8, Chapter 12, Part D of the Society's Rules)
Style 77	1-12	6894			
Style 07	1-12	5175			
Style W77	14-24	2413		Ductile iron EPDM,Nitrile,Silicone	

• **Limitations:**

- The installation of mechanical joints is to be in accordance with the manufacturer's assembly instructions and the requirements of 12.3.3, Chapter 12, Part D of the Society's Rules.
- “Style 77 larger than 6” , “Style 07 larger than 6” , and “Style W77” for use in those systems where pressure pulsation is not expected.

• **Documents:**

- ARDC ENGINEERING LAB REPORT NO,C-WP-011001

• **Type Approval Test:**

Tightness test, Vibration test, Pressure pulsation test, Pull-out test, Burst pressure test, Fire resistance test, Vacuum test, Repeated assembly test.

• **Production tests**

The joints used for piping belonging to Group I & II defined by the requirements 12.1.3, Chapter 12, Part D of the Society's Rules are to be subjected to hydraulic test in the presence of the Society's surveyor in accordance with the requirements 12.6.1, Chapter 12, Part D of the Society's Rules.

• **Place of Manufacturer:**

Victaulic Piping Products (Dalian) Co., Ltd.  
No. 13, Tieshan Dong 2 Road  
DaLian Development Zone, DaLian, China 116630

Victaulic Company  
4901 Kesslersville Road,  
Easton, PA 18040 USA

Victaulic Company  
Alburtis Facility  
8023 Quarry Road  
Alburtis, PA 18011 USA

Dalian Bingshan Metal Technology Co., Ltd.  
No.9 Northeastern 7th Street Economic and Technology Development Zone,  
Dalian, Liaoning, 116600, China

Victaulic Polska Sp. z o.o.  
ul. Niepodległości 8  
66-530 Drezdenko, Poland

• **Notice:**

Any significant changes in design or construction of the above items may render this certificate invalid.

- The End -