



Type Approval Certificate

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

Manufacturer	Parker Hannifin Corporation
Address	30240 Lakeland Blvd, Wicliffe, OH, 44092, United States
Place of Production	Parker Hannifin Corporation 1501 Hayse Drive, Manhattan, KS, 66502, United States
Place of Production	Parker Hannifin – Hose Products Division 101 Parker Lane, P.O. Box B, Alliance, NE, 69301, United States
Place of Production	Parker Hannifin – Hose Products Division 1867 State Hwy 48, Red Oak, IA, 51566, United States
Place of Production	PARKER HANNIFIN CONNECTOR LTD. 77, Yusangongdan 4-gil, Yangsan-si, Gyeongnam, 50592, South Korea
Type	Flexible Pipe Couplings And Hoses
Trade Name	Parker's 787TC, 787ST, 797TC, 797 ST Hose & Parkrimp 77 series & 43 Series end fittings.
Application	Short joining lengths to accommodate relative movement between items of machinery connected to permanent piping systems, containing petroleum based hydraulic fluids and lubricating oils, polyol ester fluids, water, water/oil

Gopal Nair

Piping & Pressure System Principal Specialist
to Lloyd's Register North America, Inc.
A member of the Lloyd's Register group

1330 Enclave Parkway, Houston, Texas, 77077,
United States

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emulsion and water/glycol hydraulic fluids.

Specified Standard Lloyd's Register's Rules and Regulations for the Classification of Ships, July 2022, Part 5, Chapter 12, section 7;
Lloyd's Register's Rules and for the Classification of Special Service Craft, July 2022, Volume 7, Part 15, Section 13;
Fire test in accordance with ISO 15540: 2016

Ratings Internal diameter (inch): ¼ to 2
Maximum operating pressure (psi):
787TC & 787ST 5000
797TC & 797ST 6000
Maximum temperature ranges (°C):
Gasoline fuel, diesel oil fuel, petroleum based hydraulic fluids and lubricating oils: -40 to +125
Fresh/sea water, water/glycol mixtures and water/oil emulsion hydraulic fluids: +85
Polyol ester fluids: +65

Other Conditions

1. Hoses are to be selected, installed and tested in accordance with the manufacturer's instructions and recommendations;
2. Materials for hoses and fittings are to be manufactured and tested in accordance with the requirements for Class I piping systems.
3. Each flexible hose with end fittings is to be provided with the manufacturer's pressure test report and conformity of the production and the following details are to be permanently marked:
 - Manufacturer's name or trademark.
 - Date of manufacture (month/year).
 - Designation type reference.
 - Nominal diameter.
 - Pressure rating.
 - Temperature range

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register North America, Inc. of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 11/60068(E2)

The Design Appraisal Document Q/ADSO/23-0263 -11/60068(E2-03) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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