



aerospace
 climate control
 electromechanical
 filtration
 fluid & gas handling
 hydraulics
 pneumatics
 process control
 sealing & shielding



Hose and Fittings

Product Solutions for the Marine Industry



ENGINEERING YOUR SUCCESS.

Product Solutions for the Marine Industry

The Parker Rubber and Industrial hose program opens the door to comprehensive coverage of marine applications. Parker offers the widest range of hydraulic, fuel and pneumatic hoses available today to service the performance requirements of the marine industry. Whether designing for high performance, tight installation conditions, extreme durability or fluid compatibility, Parker's marine hose program has a hose that solves your marine requirement.

Parker professionals are ready to assist you with engineering support, fluid connector systems design and proper product selection.

Custom Manufacturing Capabilities

Special markets, applications and projects require often tailor-made fitting or hose/tube solutions. With Parker's custom manufacturing capabilities you can reduce your overall costs and eliminate warranty issues. These custom projects can include tube fabrication and fittings not found anywhere else. Using standard Parker hoses, fittings and tubing, our experts create custom tube and compound assemblies that exactly match your specifications to provide increased durability and reliability.

Organized to provide fast quotes and highly responsive service, our Rapid Service Unit can produce a single critical piece or production quantities to meet your needs, quickly and efficiently.





Industry Recognized

Our marine hose program is approved by well known international classification bodies.

These organizations establish standards for safety and performance that given the safe design and construction of ships and shipboard equipment. Owners, purchasers, shippers and underwriters are assured that approved parts possess the structural and mechanical capability for safe performance.



Germanischer Lloyd (GL)

German independent organisation of technical experts approving products for the german merchandise marine and the energy sector – GLIS (oil and gas, wind energy, etc.)



Bureau Veritas (BV)

Bureau Veritas is today the most widely recognized certification body in the world, offering solutions in the key strategic fields of operations: Quality, health & safety, environment and social responsibility.



Det Norske Veritas (DNV)

Norwegian service company for managing risk in ship classification, off-shore industry, etc.



American Bureau of Shipping

US company providing rules for safety in the marine environment.



US Coast Guard (USCG)

Provides maritime safety, law enforcement, recreational boating safety, and environmental protection information for merchant mariners. The approved hoses are not accepted for all applications automatically.



Registro Italiano Navale (RINA)

Italian company offering certification, verification, control, assistance in marine, energy and process, transport and industry.



Lloyd's Register (LR)

English independent organisation providing certification around the world. Marine services, rail services and energy services are their main activities.



MarED

MarED is the Group of Notified Bodies for the Implementation of the Marine Equipment Directive. Official Parker MarED registration no. 0575.



Parkrimp® *No-Skive* Hose and Fittings

The system for fast and leak free assemblies

Hose fittings have an impact on the overall efficiency and safety of a hydraulic system.

The *No-Skive* concept was launched by Parker Hannifin some 30 years ago but continual development and the use of modern materials and production techniques have resulted in a state-of-the-art hose to fitting connector. Much easier handling and a high level of safety are available with the *No-Skive* crimp fittings. Parker offers *No-Skive* fittings in one and two piece as a part of its package that consists of quality hose, *No-Skive* fittings, hose crimpers and tooling.

- No skiving tool needed
- No need to remove the cover
- Crimps one piece fittings only
- Parkalign positions the fittings in the die perfectly every time
- Quick and easy: no gauges to set on the machine
- Portable machines for field repair
- Meets EN safety regulations



Parker's color-coded die sets

No loose parts to mismatch or misplace – die set segments linked together. Die sets provide 360° evenly applied crimping forces for an ideal crimp result.

Parkrimp crimpers

for 1 piece *No-Skive* fittings



KarryKrimp® 1



KarryKrimp® 2



PHastkrimp®



Parkrimp *No-Skive* 1piece fittings



No-Skive 2piece fittings

No-Skive Fittings

The connection of hydraulic components (hose and fitting) is determined by the type of fitting; either crimp fitting or screw reusable fittings. Crimping is the safest, fastest and most commonly used method of making a hose assembly. The Parker free adjustable crimpers for two-piece fittings ensures precise, leak-free and tear-proof assembly of hose and fitting.

ParLock Hose and Fittings

The high performance **skive** system

Specific customers or applications stipulate the implementation of multispiral hose assemblies with external/internal skive type fittings.

With the ParLock hose and fitting range, Parker meets this demanding market requirement.

- High flex-impulse applications
- High vibration applications
- The ParLock design is approved by the German Accident Prevention & Insurance Association (Berufsgenossenschaft) conforming to EN 201

The ParLock System

- A full range of multispiral hoses ISO 3862-1 (4SP to R15)
- Hose and fitting combination giving performance that exceeds ISO/EN requirements
- Approved hose and fitting compatibility "one manufacturer, one source"
- Field tested, proven reliability

Free adjustable crimpers

for 2piece and ParLock fittings



TH8-520



TH8-380-BM



TH8-800-BM

Hose skiving machine



TH2-13-3PH



ParLock skive fittings

Product Solutions for the Marine Industry

Peace in mind with safety and quality on board

Hose	Size	Pressure*	Reinforcement	GL	DNV	RINA	LR	BV	ABS	USCG	MarED	International standards		
												EN	ISO	SAE

Hydraulic Hoses

221FR <i>No-Skive</i> Fire Retardant Marine Fuel and Engine Hose	-5 up to -16	3,5 MPa	1 steel wire braid	X	X				X	X			7840	J1527 R3
301SN <i>No-Skive</i> Hose	-4 up to -32	40,0 MPa	2 steel wire braid	X	X	X	X	X	X		X	853 2SN	143612SN	
302 WORLDWIDE <i>No-Skive</i> Hose	-4 up to -32	40,0 MPa	2 steel wire braid		X				X	X		853 2SN	143612SN	
421SN <i>No-Skive</i> Hose	-4 up to -32	40,0 MPa	1 steel wire braid	X	X	X	X	X	X		X	853 1SN	143611SN	
422 WORLDWIDE <i>No-Skive</i> Hose	-4 up to -32	40,0 MPa	1 steel wire braid		X				X	X		853 1SN	143611SN	
426 <i>No-Skive</i> Hose	-4 up to -16	19,2 MPa	1 steel wire braid						X	X				100R1AT
436 <i>No-Skive</i> Compact High Temperature Hose	-6 up to -16	27,5 MPa	2 steel wire braid		X				X	H			11237R16	100R16
451 TC <i>No-Skive</i> TOUGH COVER Hose	-4 up to -16	21,0 MPa	1 steel wire braid						X	H			11237R17	100R17
462 Elite <i>No-Skive</i> Compact Hose with Nitrile Inner Tube	-4 up to -16	42,5 MPa	2 steel wire braid	X	X	X	X	X			X	857 2SC	112372SC	
471TC <i>No-Skive</i> TOUGH COVER Compact Hoses	-4 up to -32	40,0 MPa	2 steel wire braid		X				X	H		857 2SC	1123712SC	
472TC <i>No-Skive</i> TOUGH COVER Compact Hoses	-4 up to -32	40,0 MPa	2 steel wire braid		X				X			857 2SC	1123712SC	
492 <i>No-Skive</i> Compact Hose with Nitrile Inner Tube	-4 up to -16	28,0 MPa	1 steel wire braid	X	X	X	X	X			X	857 1SC	112371SC	
372 <i>No-Skive</i> Compact Hose - 3 Wire Braid	-6 up to -16	44,5 MPa	3 steel wire braid	X	X		X	X			X			
701 <i>No-Skive</i> Spiral Hose - Typ 4SP	-6 up to -24	45,0 MPa	4 spiral steel wire			X				H		856 4SP		
791TC <i>No-Skive</i> TOUGH COVER Spiral Hoses	-12 up to -24	42,0 MPa	6 spiral steel wire		X				X	H		38621R15	100R15	
792TC <i>No-Skive</i> TOUGH COVER Spiral Hoses	-12 up to -16	42,0 MPa	6 spiral steel wire		X				X	H		38621R15	100R15	
H29 ParLock Multispiral Skive Hose	-12 up to -32	43,0 MPa	4 spiral steel wire	X	X		X	X			X	856 4SH	38624SH	
H31 ParLock Multispiral Skive Hose	-4 up to -24	50,0 MPa	4 spiral steel wire	X	X	X	X	X			X	856 4SP	38624SP °	100R9
R42 ParLock Multispiral Skive Hose	-10 up to -32	42,0 MPa	6 spiral steel wire	X	X		X				X	3862R15	100R15	

Industrial Hoses

CARBOPRESS® EN ISO 7840 A1 - Delivery Hose	I.D. 5 to 25 mm	3,4 bar	synthetic textile yarns			X	X					7840	7840	
CARBURITE® EN ISO 7840 A1 - Delivery/Suction Hose	I.D. 19 to 60 mm	2,5 bar	synthetic textile yarns and steel wire helix			X	X					7840	7840	
SM/TR 311 Fire Resistant, for Fuel, Water Cooling and Exhaust Gas	I.D. 19 to 125 mm	3 bar	synthetic textile yarns and steel wire helix		X	X	X					7840 13363	7840 13363	
SM/TR 311 OND Fire Resistant, for Fuel, Water Cooling and Exhaust Gas	I.D. 19 to 125 mm	3 bar	synthetic textile yarns and steel wire helix		X	X	X					7840 13363	7840 13363	

*depending on hose size • "H" = the hose is accepted for hydraulic systems only and not for fuel and lube systems. ° = until size -16 included

Hoses for Marine and Boat Applications

Hydraulic Rubber Hoses

221FR

No-Skive Fire Retardant Marine Fuel and Engine Hose



372

No-Skive 3 Wire Braid Compact Hose



301SN and 421SN

No-Skive Hoses



422 and 302

WORLDWIDE
No-Skive Hoses



426 *No-Skive* Hose

436 *No-Skive* Compact Hose
High Temperature Hoses



451 TC

No-Skive **TOUGH COVER** Hose



471TC and 472TC

No-Skive **TOUGH COVER**
Compact Hoses



492 and 462 *Elite*

No-Skive Compact Hoses with Nitrile Inner Tube



701

No-Skive Spiral Hose - Typ 4SP



791TC and 792TC

No-Skive **TOUGH COVER**
Spiral Hoses



H29 and H31 ParLock

Multispiral Hoses for External/Internal Skive Type Fittings



R42 ParLock

Multispiral Hoses for External/Internal Skive Type Fittings



Industrial Rubber Hoses

APERSPIR VINITRESS

Suction and Delivery Hoses



CARBOPRESS® EN ISO 7840 A1

Delivery Hose

CARBURITE® EN ISO 7840 A1

Delivery/Suction Hose



DRINKPRESS WB/L 10

Delivery Hose

AQUAPRESS 15

Discharge of water (hot/cold) and light chemicals



RADIOR® 3 VARIO NW 3

Hoses for Cooling and Sanitary Systems



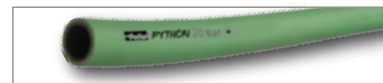
SM/TR 311 SM/TR 311 OND

Fire Resistant Hoses for Fuel, Water Cooling and Exhaust Gas



PYTHON NY 20 PYTHON NY 30

Premium Technology Multipurpose Hose



Parker Worldwide

AE – UAE, Dubai
Tel: +971 4 8127100
parker.me@parker.com

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

AT – Austria, Wiener Neustadt
Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener Neustadt
Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles
Tel: +32 (0)67 280 900
parker.belgium@parker.com

BR – Brazil, Cachoeirinha RS
Tel: +55 51 3470 9144

BY – Belarus, Minsk
Tel: +375 17 209 9399
parker.belarus@parker.com

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

CH – Switzerland, Etoy
Tel: +41 (0) 21 821 02 30
parker.switzerland@parker.com

CL – Chile, Santiago
Tel: +56 2 623 1216

CN – China, Shanghai
Tel: +86 21 2899 5000

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens
Tel: +30 210 933 6450
parker.greece@parker.com

HK – Hong Kong
Tel: +852 2428 8008

HU – Hungary, Budapest
Tel: +36 1 220 4155
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IN – India, Mumbai
Tel: +91 22 6513 7081-85

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

JP – Japan, Tokyo
Tel: +(81) 3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

KZ – Kazakhstan, Almaty
Tel: +7 7272 505 800
parker.easteurope@parker.com

LV – Latvia, Riga
Tel: +371 6 745 2601
parker.latvia@parker.com

MX – Mexico, Apodaca
Tel: +52 81 8156 6000

MY – Malaysia, Shah Alam
Tel: +60 3 7849 0800

NL – The Netherlands, Oldenzaal
Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Ski
Tel: +47 64 91 10 00
parker.norway@parker.com

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SG – Singapore
Tel: +65 6887 6300

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TH – Thailand, Bangkok
Tel: +662 717 8140

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

UA – Ukraine, Kiev
Tel +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

US – USA, Cleveland
Tel: +1 216 896 3000

VE – Venezuela, Caracas
Tel: +58 212 238 5422

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com



HANLEY CONTROLS

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Hanley Controls Clonmel Ltd.
Gortnafleur
Clonmel
Co. Tipperary

Tel: + 353 52 6122722
Email: info@hcl.ie