

Product Bulletin 4480-B123-US

## ParMax 761 Hose and 76 Series Fittings



Parker's new ParMax 761 hose opens the door to new opportunities for high-pressure applications. When designing for high performance and extreme durability, ParMax 761 offers a constant working pressure of 8,000 psi.

Lasting longer than any 6,000 psi hose on the market and withstanding pressure spikes up to 8,000 psi, ParMax 761 is compatible with Parker's Parkrimp fittings and can be crimped without removing the hose cover due to its No-Skive design.



anything **Parker**  
Possible.™

## The ParMax 761 advantage:

long lasting and ideal for extremely high-pressure applications.



### Features and Benefits:

- Creates new design possibilities for high pressure applications
- No-Skive design eliminates the need to remove the cover before crimping
- Durable, color layline for easy and longer lasting identification
- Flexibility is comparable to SAE 100R15

### Construction:

Inner tube: Synthetic rubber

Reinforcement: six-spiral, high-tensile steel wire

Cover: oil, weather and abrasion-resistant, black synthetic rubber

**Temperature:** Petroleum-based hydraulic fluids and lubricating oils

- -40° to +257°F (-40° to +125°C)

### Applications:

- Construction
- Agriculture
- Test Stands
- Hydrostatic Drive Lines
- Mining

# Part Number	Hose I.D. inch mm	Hose O.D. inch mm	Working Pressure psi MPa	Minimum Bend Radius inch mm	Weight lbs/ft kg/m	Parkrimp 76 Series
761-12	3/4 19	1.37 34,8	8000 56,0	10-1/2 260	1.56 2.32	•
761-16	1 25	1.65 41,9	8000 56,0	13 330	2.02 3.00	•

# Part Number	Flange inch	Hose I.D. inch	A inch mm	F inch	B inch mm
18A76-12-12	3/4	3/4	5.29 134	1-5/8	2.96 75
18A76-16-16	1	1	5.72 145	1-7/8	3.17 81

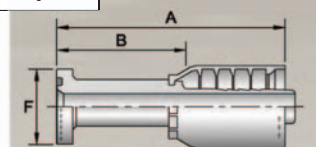
# Part Number	Flange inch	Hose I.D. inch	A inch mm	E inch mm	F inch	B inch mm
18F76-12-12	3/4	3/4	4.95 125,7	1.024 26	1-5/8	2.62 66,5
18F76-16-16	1	1	6.10 155,0	1.260 32	1-7/8	3.55 90,1

# Part Number	Flange inch	Hose I.D. inch	A inch mm	E inch mm	F inch	B inch mm
18N76-12-12	3/4	3/4	4.81 122,1	2.756 70	1-5/8	2.48 63,0
18N76-16-16	1	1	5.88 149,5	2.756 70	1-7/8	3.33 84,6

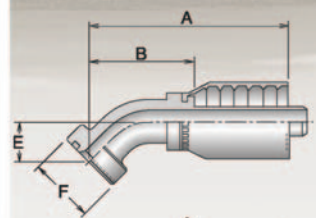
See Catalog 4400 or [www.parkerhose.com](http://www.parkerhose.com) for the 76 Series Fitting Selection  
Visit [www.parkerhose.com](http://www.parkerhose.com) to view **CrimpSource®**, the online resource  
for hose crimp specifications for the complete line of Parker crimping machines.

## New! 76 Series fittings, exclusively for ParMax 761 hose!

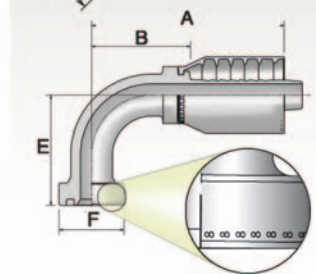
- Special 'D' ring design for 8,000 psi capability
- Compatible with a standard code 62 bolt pattern
- Monoblok® leak-free design
- Compatible with standard Parkrimp 2 crimper
- No-Skive, bite-the-wire design for reliable assembly



18A76



18F76



18N76

Special marking on the flange identifies as heavy-duty rated to 8,000 psi

### WARNING

Failure or improper selection or improper use of hose, tubing, fittings, assemblies or related accessories ("Products") can cause death, personal injury and property damage. Possible consequences of failure or improper selection or improper use of these Products include but are not limited to:

- Fittings thrown off at high speed
- High velocity fluid discharge
- Explosion or burning of the conveyed fluid
- Electrocuting from high voltage electric power lines
- Contact with suddenly moving or falling objects that are controlled by the conveyed fluid
- Injections by high-pressure fluid discharge
- Dangerously whipping Hose
- Contact with conveyed fluids that may be hot, cold, toxic or otherwise injurious
- Sparking or explosion caused by static electricity buildup or other sources of electricity
- Sparking or explosion while spraying paint or flammable liquids
- Injuries resulting from inhalation, ingestion or exposure to fluids

Before selecting or using any of these Products, it is important that you read and follow Parker Safety Guide for Selecting and Using Hose, Tubing, Fittings and Related Accessories (Parker Publication No. 4400-B.1- Revised May, 2002). Only Hose from Parker's Stratoflex Products Division is approved for in flight aerospace applications, and no other Hose can be used for such in flight applications.

### Parker Hannifin Corporation

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