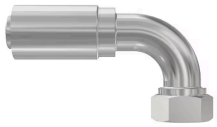
Parker Product Datasheet



Parker’s 77 Series high-pressure hydraulic hose fittings deliver high performance, quick assembly and the design flexibility of more than 500 configurations.

PART NUMBER: 1CF77-42-24
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
SHAPE: Elbow 90°
PORT SIZE: M52
HOSE INSIDE DIAMETER: -24
BODY MATERIAL: Steel

PRODUCT OVERVIEW

Crimp-style 77 Series hydraulic hose fittings from Parker Hannifin are cost-effective, permanent, bite-the-wire-style fittings for high-pressure applications. Designed for use with Parkrimp crimpers, 77 series fittings require less push-on force and are easy to assemble. Their compact, one-piece construction delivers better value, flow, and reduced heat and pressure loss, as well as reduced complexity. Compatible with a wide range of constant working pressure hoses, 77 Series fittings are engineered for efficiency, safety, and performance. When paired with Parker’s No-Skive hose, 77 Series fittings can be assembled without removing the outer hose cover. Available in multiple materials and a wide assortment of end configurations, 77 series fittings are offered in sizes from ¼ inch to 2 inches.

Markets:
• Military
• Construction
• Forestry

• Oil Field Service
• Industrial
• Mining

Features/Benefits:
• Metric hex
• Easy push on force
• Multiple materials available, such as steel and stainless steel
• Wide range of end configurations
• One piece reduces complexity and leakage path
• No-Skive technology offers easy, efficient, and safe production processes

Applications:
• Petroleum base hydraulic fluids and lubricating oils

Compatible Hoses:
• 387 (-20 through -32 only)
• 487 (-20 through -32 only)
• 787 (-8 through -32 only)
• 797 (-8 through -32 only)

TECH SPECIFICATIONS

DIVISION	Polymer Hose Division Europe
SPECIFICATIONS MET	ISO 12151-2-SWE-L
FOR FLUID TYPE	Lubricants (Oils)
MAXIMUM OPERATING PRESSURE	25.0 MPa
CONNECTION 1 SIZE	38.1 mm
CONNECTION 1 SIZE	-24 (Size)
CONFIGURATION	Hose to Port
CONNECTION 1 SIZE	1-1/2 inch
MAXIMUM OPERATING PRESSURE	250 bar
PORT TYPE	DKOL
INDUSTRY	Off-road Machinery

APPLICATION	Petroleum Base Hydraulic Fluids
TUBE OUTSIDE DIAMETER	42 mm
CONNECTION 2 TYPE	Swivel
CONNECTION 1 TYPE	Hose
TECHNOLOGY	Fluid & Gas Handling
HEX SIZE	60 mm (see drawing legend W)
BRAND	Parker
PRODUCT TYPE	Crimp Fittings No-Skive
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 2 SIZE	M52x2.0 mm Thread
SHAPE	Elbow 90°
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	Metric L
BODY MATERIAL	Steel
DROP LENGTH	101 mm (see drawing legend E)
CONNECTION LENGTH	112 mm (see drawing legend B)
APPLICATION	Lubricating Oils
DIVISION	Polymer Hose Division Europe
FITTING LENGTH	179 mm (see drawing legend A)
CONNECTION 2 TYPE	24° Cone (with O-Ring)