Parker Product Datasheet



Parker's 47 Series crimp style 2-pc. hydraulic stainless steel fittings are renowed for its ease of assembly and are a complete range of permament, crimp-style hydraulic hose fittings for use with adjustable crimpers.

PART NUMBER: 10048-12C
MATERIALS OF CONSTRUCTION: Stainless Steel
PRODUCT STYLE: No-skive Shell
HOSE I.D. (SIZE): -12
PORT CONNECTION: n/a
SHAPE: Straight

PRODUCT OVERVIEW

Parker Parkrimp Medium Pressure Stainless Steel Fittings - 47 Series - are permanent, crimp style hydraulic fittings that allow a quick assembly with our family of Adjustable crimpers. Assembly of No-Skive hose and fittings does not require removal of the outer cover of the hose. This eliminates premature hydraulic hose failure caused by skiving too long or short. 47 Series Stainless Steel Fittings combined with 46 or 48 Series Shells are used with Parker Wire Braided Hydraulic hoses such as Elite No-Skive Hoses, No-Skive Compact Water Cleaing Hoses, Elite No-Skive- Low Temperature Hoses, No-Skive Compact Rail-Hoses with fire retardant cover, Elite No-Skive Super Tough-Compact Hoses, No-Skive Compact Twin Constant Pressure hoses with tight bend radius and a lot more.
Available in sizes from -4 to -16 in a wide variety of end configurations and around the world. For highly corrosive applications.

Markets:

Mobile
Industrial
Chemical
Mining
Marine

Features/Benefits:
• No-Skive technology offers easy, efficient, and safe production processes
• Wide range of end configurations
• Easy push on force

Applications:
Automotive / Machine Tool
Injection Moulding
Pulp and Paper
Marine / Offshore / Shipyard
Power Generation and Energy
Vertical Drill Rigs
Transportation
Chemical Industry
Tool Industry
Steel Works

Compatible Hoses:
47 Series Nipple in Combination with 46 Series shell from size -4 up to size -16
421SN, 441, 441RH, 461LT, 462, 462ST, 462TC, 463, 492, 492ST, 692, 692TWIN

47 Series Nipple in Combination with 48 Series shell from size -4 up to size -16
' 301SN, 387, 387TC, 387ST, 421SN, 462, 487, 487TC, 487ST

TECH SPECIFICATIONS

CONNECTION 1 TYPE	Parker Design
MINIMUM OPERATING TEMPERATURE	-40 °C
TECHNOLOGY	Fluid & Gas Handling

MAXIMUM OPERATING TEMPERATURE	105 °C
CONNECTION 1 SIZE	19.1 mm Hose I.D.
CONFIGURATION	Hose to Port
CONNECTION 1 SIZE	-12 (Size)
INDUSTRY	Industrial Manufacturing Equipment, Off-road Machinery, Transportation
MINIMUM OPERATING TEMPERATURE	-40 °F
PRODUCT TYPE	Crimp Fittings No-Skive Two-piece
MAXIMUM OPERATING PRESSURE	n/a
MAXIMUM OPERATING TEMPERATURE	221 °F
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	n/a
APPLICATION	Medium Pressure Hydraulics
TUBE OUTSIDE DIAMETER	n/a
BODY MATERIAL	Stainless Steel
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis, Coolants (Water-Glycol), Lubricants (Oils), Air, Water
SHAPE	n/a
CONNECTION 2 SIZE	n/a
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	3/4 inch Hose I.D.
BRAND	Parker