

Parker Product Datasheet



Ermeto weld bulkheads are suitable for all popular weld fittings and meet the stringent requirements which are placed on individual components in complex welding procedures.

PART NUMBER: ESV42L
CONNECTION 1 TYPE: 24° Cone
BODY MATERIAL: Steel
CONNECTION 2 SIZE: 42 mm (O.D.)
PRODUCT SERIES: EO Light
CONNECTION 2 TYPE: 24° Cone
CONNECTION 1 SIZE: 42 mm (O.D.)

PRODUCT OVERVIEW

Ermeto weld bulkheads, type ESV, enable the connection of straight metric tube lines with identical outer diameters through a bulkhead partition and secured by welding to the bulkhead partition. Ermeto weld bulkheads are available in all sizes from 6 – 38/42 in the light and heavy series.

Markets:

- Press construction
- Heavy machinery building
- Power station construction
- Shipbuilding

Applications:

- Suitable for general hydraulic applications.

Features/ benefits:

- Ermeto weld bulkheads, type ESV, enable the connection of straight metric tube lines with identical outer diameters through a bulkhead partition and secured by welding to the bulkhead partition.
- Weld bulkheads are available in stainless steel. The steel version is with a strong corrosion resistant Cr(VI)-free version, which extends the lifetime cycle of the component.
- Insufficiently assembled weld bulkheads do not come apart without warning. The user can react early enough because the connectors indicate the problem by leaking and they can be retightened.

TECH SPECIFICATIONS

APPLICATION	Fuel Transfer
APPLICATION	Oilfield
TECHNOLOGY	Fluid & Gas Handling
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
MINIMUM AMBIENT TEMPERATURE	-40 °C
PRODUCT TYPE	Weld Fittings
DIVISION	High Pressure Connectors Europe Division
BODY MATERIAL	Steel
BRAND	Ermeto
MAXIMUM AMBIENT TEMPERATURE	482 °F
MAXIMUM FLUID TEMPERATURE	482 °F
SPECIFICATIONS MET	DIN
APPLICATION	Chemical Transfer
APPLICATION	Packaging
MINIMUM FLUID TEMPERATURE	-40 °C

SEAL MATERIAL	n/a
MAXIMUM OPERATING PRESSURE	250 bar
APPLICATION	Mobile Equipment
CONNECTION 2 SIZE	42 mm Tube O.D.
MINIMUM AMBIENT TEMPERATURE	-40 °F
PRODUCT TYPE	Hydraulic DIN Fittings
CONNECTION 1 SIZE	42 mm Tube O.D.
PRODUCT STYLE	Bulkhead
SHAPE	Straight
APPLICATION	Hydraulics
MINIMUM FLUID TEMPERATURE	-40 °F
FOR FLUID TYPE	Chemicals
INDUSTRY	Marine
FOR FLUID TYPE	Gases
INDUSTRY	Transportation
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Material Handling
FOR FLUID TYPE	Fuels
CONNECTION 1 TYPE	24° Cone
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Steam
INDUSTRY	Automotive
CONNECTION 2 TYPE	24° Cone
INDUSTRY	Construction
SEAL TYPE	Sealing Edge
INDUSTRY	Agriculture

PRODUCT SERIES	EO Light
INDUSTRY	Industrial Manufacturing Equipment
SPECIFICATIONS MET	ISO 8434
MAXIMUM FLUID TEMPERATURE	250 °C
MAXIMUM AMBIENT TEMPERATURE	250 °C
CONFIGURATION	Tube to Tube