



Camlocks

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Design

Available in 3 material options, Aluminum, Stainless steel and Polypropylene, camlocks are a quick connect coupling, typically installed to the end of a hose, or flexible tube. They are often used in conjunction with portable equipment such as motorised pumps. These fittings provide an efficient installation process, and a secure and dependable seal that will last over an extended period of time.

Materials

Aluminium: Brass arms/Stainless steel pivot pins

Stainless Steel: Stainless steel arms/pivot pins

Polypropylene: Stainless steel arms/pivot pins

Gasket Materials

Camlocks are fitted with Buna-N seals. All other gasket materials are only available on request and are only suited to Aluminum and Polypropylene Camlocks.

- Buna-N
- Neoprene
- EPDM
- Viton
- Teflon

Sizes

Aluminium: 20mm to 150mm

Stainless steel: 15mm to 150mm

Polypropylene: 20mm to 100mm

Applications

Aluminium: Chemical & Agricultural applications.

Stainless steel: Hygiene & Corrosive applications.

Polypropylene: General-purpose applications i.e. Irrigation.

Pressure Rating

The pressure rating will differ depending on the material and size of the Camlock. Refer to Camlock maximum operating pressure graph on page 3.

Temperature Range

Pressure rating must be de-rated at temperatures higher than 21°C.

Aluminium and Stainless steel: -40°C to 100°C.

Polypropylene: -10°C to 80°C.

Gasket Specifications:

Material	Colour Code	Temperature Ratings
Buna-N	Blue	-20°C to +70°C
Neoprene	Red	-40°C to 120°C
EPDM	White	-50°C to 120°C
Viton	Yellow	-28°C to 260°C
Teflon		-40°C to 120°C

Manufactured to Mil Spec 27487 tolerances.

Camlock Maximum Operating Pressure:

Material	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"	6"
Aluminum	250	250	250	250	250	150	125	125	75
Stainless Steel	250	250	250	250	250	150	125	125	75
Polypropylene	125	125	100	100	100	75	75	50	

PSI Ratings taken at 21°C.





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