



Rectus Medical Solutions

Products for medical devices and biotechnology

All measures
in inches

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



TECHNICAL SOLUTIONS FOR OUTSTANDING PERFORMANCE.

Materials

The POM, PVDF and PSU medical grade resins and the metals used to build our couplings are cytotoxically harmless and guarantee low wear, the greatest breaking strength, and excellent antifriction properties. Additionally these materials have high creep resistance and dimensional stability, which enhance the system reliability. They can be sterilized by EtO, autoclaving or gamma.



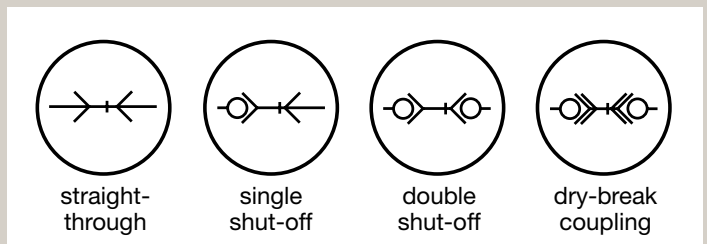
Seals

A coupling can only be as good as its sealing components. This is why we rely on EPDM (ethylene propylene rubber) and silicone compliant with USP class VI as standard for our sealing materials. For challenging requirements, our experts will, of course, offer completely individual advice and develop an optimum solution.



Valves

Depending on the application area, Parker Rectus coupling systems are available with free flow, single or double shut-off, and in clean break design. To ensure fault free operation all valve seals are the same as the main seal choice. Furthermore, the valve springs are produced exclusively in AISI 316 L.



Keyed

This keyed coupling system completely eliminates the possibility of confusing different media. The shape and color of the couplings and the plugs are differentiated, which eliminates accidental cross coupling errors. Additionally, our keyed couplings are also available with individual laser marking or adhesive labels.



OUR PRODUCT RANGE FOR MEDICAL SOLUTIONS.



Series 20

- Nominal flow size 2.7 mm
- Small dimension
- Plated Brass or Stainless Steel
- Free flow or single shut-off
- Cv = 0.25
- 0 - 500 psi



MD Series

- Nominal flow size 5 mm
- Thermoplastics (POM)
- Free flow, single or double shut-off
- Can be sterilized by EtO
- USP class VI
- Cv = 0.27
- 0 - 145 psi
- -4°F - +176°F



NP Series

- Nominal flow size 2.7 mm
- Small dimension
- Thermoplastics (POM)
- The ideal connector for extension tube sets
- Free flow
- Can be sterilized by EtO
- USP class VI
- Clean-room manufactured
- Cv = 0.19
- 0 - 65 psi
- -4°F - 176°F



MD Series keyed

- Nominal flow size 5 mm
- Thermoplastics (POM)
- Free flow, single shut-off or double shut-off
- Can be sterilized by EtO
- Optional laser labelling
- Mechanical and color coding
- USP class VI, resp. FDA
- Cv = 0.27
- 0 - 145 psi
- -4°F - +176°F



CO Series

- Nominal flow size 2.7 mm
- 2 independent flow paths
- Thermoplastics (POM)
- Can be sterilized by EtO
- Cv = 0.19

Final performance specs will be included in the forthcoming sales bulletin.



PPL Series

- Nominal flow size 6 mm
- Thermoplastics (POM)
- Free flow, single or double shut-off
- FDA and NSF conform
- Cv = 1.30
- 0 - 116 psi
- -40°F - +179°F



PPM Series

- Nominal flow size 3 mm
- Thermoplastics (POM)
- Free flow, single or double shut-off
- FDA and NSF conform
- Cv = 0.47
- 0 - 116 psi
- -40°F - +179°F



BT Series

- Nominal flow size 7 mm
- Thermoplastics (POM, PVDF or PSU)
- Free flow
- Can be sterilized by EtO, autoclaving or gamma
- Clean-room manufactured
- Cv = 1.75
- 0 - 65 psi
- -4°F - +298°F