

Thermoplastic

Nominal Diameter

7 = 38 mm²



Rectus Series

48

Low Pressure



Technische Informationen

Coupling series made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely resistant synthetic material.

Coupling system with single-hand operation. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straight-through system.

Working Temperature

-20°C up to +80°C (POM)
-20°C up to +120°C (PVDF)
depending on the medium.

Other seal variants are available on request (FKM, EPDM, FFKM).

RectuPOM	RectuChem	RectuChem+
Working Pressure**		
0-10 bar (POM, at 20°C) ** maximum static working pressure with safety factor 4 to 1.	0-8 bar (PVDF, with metal springs)	1-8 bar (PVDF, with PEEK-spring)
Material		
Coupling: POM black Plug: POM black Seals: NBR	Coupling: PVDF white Plug: PVDF white Seals: FKM	Coupling: PVDF white, PEEK-spring Plug: PVDF white, PEEK-spring Seals: FKM
Valve types		
single shut-off	single shut-off	
double shut-off	double shut-off	double shut-off

Flow diagrams

