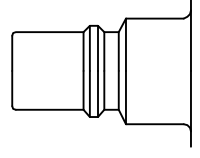
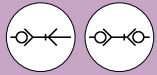




Coupling series made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely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



- Available valve types:
 - Single Shut-off
 - Double Shut-off



RectuPOM

Working Pressure*:
up to 10 bar (POM, at 20°C)

Material:

- Coupling: POM black
- Plug: POM black
- Seals: NBR

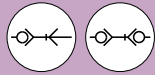
Working Temperature:
-20°C up to +80°C (POM)

Flow Rate Air:

- Single Shut-Off: 1.100 l/min.
 - Double Shut-Off: 770 l/min.
- inlet pressure 6 bar, pressure drop 0.5 bar

Flow Rate Water:

- Single Shut-Off: 17 l/min.
 - Double Shut-Off: 12 l/min.
- pressure drop 0.5 bar



RectuChem

Working Pressure*:
up to 8 bar (PVDF, with metal springs)

Material:

- Coupling: PVDF white
- Plug: PVDF white
- Seals: FKM

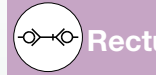
Working Temperature:
-20°C up to +120°C (PVDF)

Flow Rate Air:

- Single Shut-Off: 1.100 l/min.
 - Double Shut-Off: 770 l/min.
- inlet pressure 6 bar, pressure drop 0.5 bar

Flow Rate Water:

- Single Shut-Off: 17 l/min.
 - Double Shut-Off: 12 l/min.
- pressure drop 0.5 bar



RectuChem+

Working Pressure*:
1-8 bar (PVDF, with PEEK-spring)

Material:

- Coupling: PVDF white, PEEK-spring
- Plug: PVDF white, PEEK-spring
- Seals: FKM

Working Temperature:
-20°C up to +120°C (PVDF)

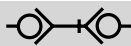
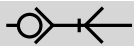
Flow Rate Air:

- Double Shut-Off: 770 l/min.
- inlet pressure 6 bar, pressure drop 0.5 bar

Flow Rate Water:

- Double Shut-Off: 12 l/min.
- pressure drop 0.5 bar

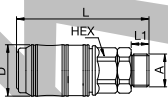
* maximum static working pressure with design factor 4 to 1.



Single Shut-Off / Double Shut-off

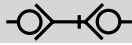
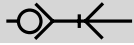


Connection A	HEX	L	L1	D	Color Sleeve	Part Number POM	Part Number CHEM	Part Number CHEM+
G1/4	21	70.5	9	26	Standard	48KBAW13DPX	48KBAW13FVX	48KBAW13FVP
G1/4	21	70.5	9	26	Red	48KBAW13DPXR	48KBAW13FVXR	48KBAW13FVPR
G1/4	21	70.5	9	26	Blue	48KBAW13DPXB	48KBAW13FVXB	48KBAW13FVPB
G3/8	21	67	9	26	Standard	48KBAW17DPX	48KBAW17FVX	48KBAW17FVP
G3/8	21	67	9	26	Red	48KBAW17DPXR	48KBAW17FVXR	48KBAW17FVPR
G3/8	21	67	9	26	Blue	48KBAW17DPXB	48KBAW17FVXB	48KBAW17FVPB
G1/2	21	73.5	12	26	Standard	48KBAW21DPX	48KBAW21FVX	48KBAW21FVP
G1/2	21	73.5	12	26	Red	48KBAW21DPXR	48KBAW21FVXR	48KBAW21FVPR
G1/2	21	73.5	12	26	Blue	48KBAW21DPXB	48KBAW21FVXB	48KBAW21FVPB

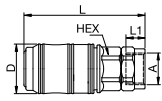


48KBAW
Coupler with valve, Male Thread

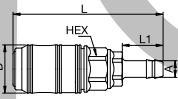
Series 48 - Thermoplastic



Single Shut-Off / Double Shut-off



48KBIW
Coupler with valve, Female Thread



48KBTf
Coupler with valve, Hose Barb

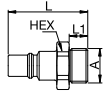
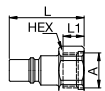
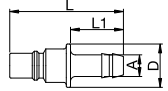
Connection A	HEX	L	L1	D	Color Sleeve	Part Number POM	Part Number CHEM	Part Number CHEM+
G1/4	21	63.5	10	26	Standard	48KBIW13DPX	48KBIW13FVX	48KBIW13FVP
G1/4	21	63.5	10	26	Red	48KBIW13DPXR	48KBIW13FVXR	48KBIW13FVPR
G1/4	21	63.5	10	26	Blue	48KBIW13DPXB	48KBIW13FVXB	48KBIW13FVPB
G3/8	21	63.5	13	26	Standard	48KBIW17DPX	48KBIW17FVX	48KBIW17FVP
G3/8	21	63.5	13	26	Red	48KBIW17DPXR	48KBIW17FVXR	48KBIW17FVPR
G3/8	21	63.5	13	26	Blue	48KBIW17DPXB	48KBIW17FVXB	48KBIW17FVPB
G1/2	21	74.5	13	26	Standard	48KBIW21DPX	48KBIW21FVX	48KBIW21FVP
G1/2	21	74.5	13	26	Red	48KBIW21DPXR	48KBIW21FVXR	48KBIW21FVPR
G1/2	21	74.5	13	26	Blue	48KBIW21DPXB	48KBIW21FVXB	48KBIW21FVPB
6	21	81	22	26	Standard	48KBTf06DPX	48KBTf06FVX	48KBTf06FVP
6	21	81	22	26	Red	48KBTf06DPXR	48KBTf06FVXR	48KBTf06FVPR
6	21	81	22	26	Blue	48KBTf06DPXB	48KBTf06FVXB	48KBTf06FVPB
9	21	81	22	26	Standard	48KBTf09DPX	48KBTf09FVX	48KBTf09FVP
9	21	81	22	26	Red	48KBTf09DPXR	48KBTf09FVXR	48KBTf09FVPR
9	21	81	22	26	Blue	48KBTf09DPXB	48KBTf09FVXB	48KBTf09FVPB
13	21	84	25	26	Standard	48KBTf13DPX	48KBTf13FVX	48KBTf13FVP
13	21	84	25	26	Red	48KBTf13DPXR	48KBTf13FVXR	48KBTf13FVPR
13	21	84	25	26	Blue	48KBTf13DPXB	48KBTf13FVXB	48KBTf13FVPB

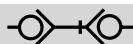
Series 48 - Thermoplastic



Single Shut-Off

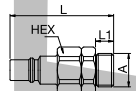


	Connection A	HEX	L	L1	D	Color Sleeve	Part Number POM	Part Number CHEM	Part Number CHEM+
 48SFAW Plug without valve, Male Thread	G3/8	21	38.5	9		Standard	48SFAW17DXX	48SFAW17FXX	
	G3/8	21	35.5	10		Standard	48SFIW17DXX	48SFIW17FXX	
 48SFIW Plug without valve, Female Thread	G3/8	21	35.5	10		Red	48SFIW17DXXR	48SFIW17FXXR	
	G3/8	21	35.5	10		Blue	48SFIW17DXXB	48SFIW17FXXB	
	G3/8	21	35.5	10		Blue	48SFIW17DXXB	48SFIW17FXXB	
 48SFTF Plug without valve, Hose Barb	9		47	22	18	Standard	48SFTF09DXX	48SFTF09FXX	

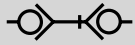


Double Shut-off

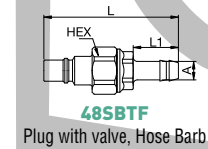
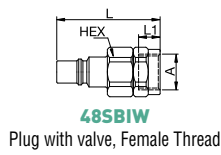


	Connection A	HEX	L	L1	D	Color Sleeve	Part Number POM	Part Number CHEM	Part Number CHEM+
 48SBAW Plug with valve, Male Thread	G1/4	21	55	9		Standard	48SBAW13DPX	48SBAW13FVX	48SBAW13DPX
	G1/4	21	55	9		Red	48SBAW13DPXR	48SBAW13FVXR	48SBAW13DPX
	G1/4	21	55	9		Blue	48SBAW13DPXB	48SBAW13FVXB	48SBAW13DPX
	G3/8	21	51.5	9		Standard	48SBAW17DPX	48SBAW17FVX	48SBAW17FVP
	G3/8	21	51.5	9		Red	48SBAW17DPXR	48SBAW17FVXR	48SBAW17FVPR
	G3/8	21	51.5	9		Blue	48SBAW17DPXB	48SBAW17FVXB	48SBAW17FVPB
	G1/2	21	58	12		Standard	48SBAW21DPX	48SBAW21FVX	48SBAW21FVP
	G1/2	21	58	12		Red	48SBAW21DPXR	48SBAW21FVXR	48SBAW21FVPR
	G1/2	21	58	12		Blue	48SBAW21DPXB	48SBAW21FVXB	48SBAW21FVPB

Series 48 - Thermoplastic



Double Shut-off



Connection A	HEX	L	L1	D	Color Sleeve	Part Number POM	Part Number CHEM	Part Number CHEM+
G1/4	21	48	10		Standard	48SBIW13DPX	48SBIW13FVX	48SBIW13FVP
G1/4	21	48	10		Red	48SBIW13DPXR	48SBIW13FVXR	48SBIW13FVPR
G1/4	21	48	10		Blue	48SBIW13DPXB	48SBIW13FVXB	48SBIW13FVPB
G3/8	21	48	10		Standard	48SBIW17DPX	48SBIW17FVX	48SBIW17FVP
G3/8	21	48	10		Red	48SBIW17DPXR	48SBIW17FVXR	48SBIW17FVPR
G3/8	21	48	10		Blue	48SBIW17DPXB	48SBIW17FVXB	48SBIW17FVPB
G1/2	21	59	13		Standard	48SBIW21DPX	48SBIW21FVX	48SBIW21FVP
G1/2	21	59	13		Red	48SBIW21DPXR	48SBIW21FVXR	48SBIW21FVPR
G1/2	21	59	13		Blue	48SBIW21DPXB	48SBIW21FVXB	48SBIW21FVPB
6	21	65.5	22		Standard	48SBTF06DPX	48SBTF06FVX	48SBTF06FVP
6	21	65.5	22		Red	48SBTF06DPXR	48SBTF06FVXR	48SBTF06FVPR
6	21	65.5	22		Blue	48SBTF06DPXB	48SBTF06FVXB	48SBTF06FVPB
9	21	65.5	22		Standard	48SBTF09DPX	48SBTF09FVX	48SBTF09FVP
9	21	65.5	22		Red	48SBTF09DPXR	48SBTF09FVXR	48SBTF09FVPR
9	21	65.5	22		Blue	48SBTF09DPXB	48SBTF09FVXB	48SBTF09FVPB
13	21	68.5	25		Standard	48SBTF13DPX	48SBTF13FVX	48SBTF13FVP
13	21	68.5	25		Red	48SBTF13DPXR	48SBTF13FVXR	48SBTF13FVPR
13	21	68.5	25		Blue	48SBTF13DPXB	48SBTF13FVXB	48SBTF13FVPB