



Nominal flow size

7 mm

RECTUS Series

BT

actual size

**Technical Description**

The BT series coupling system has been developed for use in medical, biotechnology, pharmaceutical and laboratory applications and uses only medical grade materials. The main components are molded in a clean room from virgin transparent USP Class VI polysulfone (PSU). The seals are made from platinum cured silicone. The locking pins are stainless steel. Only available as straight-through version.

Advantages

Single handed operation. Audible click to indicate a secure connection. Transparent components allow visual control of the flow path. Completely smooth flow path without any dead spaces prevents cross-contamination. Ergonomic sleeve for easy operation with gloves.

Compatibility

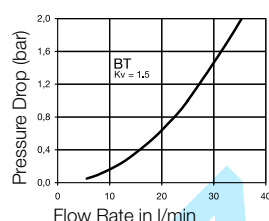
RECTUS Series 48

Working Pressure

PB = 0 bar to 4.5 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature

-20°C to +148°C

Water Flow**Material****Coupler**

Back Body
Valve Body
Sleeve
Valve
Springs
Locking Systems
Seals

Standard

PSU, transparent USP Class VI
PSU, transparent USP Class VI
PSU, transparent USP Class VI
N/A
PSU, transparent USP Class VI
Stainless Steel 1.4310 (AISI 301)
Platinum cured silicone,
transparent USP Class VI

Nipple

Plug Profile
Valve
Spring
Adapter
Seal

PSU, transparent USP Class VI
N/A
N/A
N/A
N/A

Couplers / Nipples**RECTUS BT Series**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	L3 mm	Hex1 SW1	B mm	G mm	S	Color Coding Ring	Part Number
 Hose Barb	1/4"		47.25	24.6	21.5							–	BT-M73-4HB
	3/8"		47.25	24.6	21.5							–	BT-M73-6HB
	1/2"		47.25	24.6	21.5							–	BT-M73-8HB
 Hose Barb	1/4"		46.8		21.5							–	BT-M74-4HB
	3/8"		46.8		21.5							–	BT-M74-6HB
	1/2"		46.8		21.5							–	BT-M74-8HB
Sealing Cap			25.75	24.6	21.5							–	BT-M73-PLUG
Sealing Plug			40.0		14.7							–	BT-M74-PLUG