

Nominal flow size

1/4"

RECTUS Series



BT

Low Pressure

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.

**Working Pressure**

PB = 0 psi to 65 psi, maximum static working pressure with safety factor of 4 to 1.

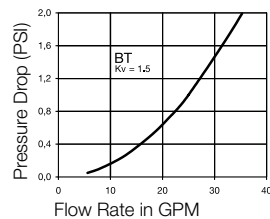
**Compatibility**

RECTUS Series 48

**Working Temperature**

-4°F to +298°F

**Water Flow**



**Material**

**Coupler**

- Back Body
- Valve Body
- Sleeve
- Valve
- Springs
- Locking Systems
- Seals

**Standard**

- PSU, transparent USP Class VI
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- 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 inch | D inch | L1 inch | L2 inch | L3 inch | Hex1 SW1 | B inch | G inch | S | Color Coding Ring | Part Number |
|------------------|--------------|--------|--------|--------|---------|---------|---------|----------|--------|--------|---|-------------------|-------------|
| <p>Hose Barb</p> | 1/4"         |        | 1.86   | 0.97   | 0.85    |         |         |          |        |        |   | -                 | BT-M73-4HB  |
|                  | 3/8"         |        | 1.86   | 0.97   | 0.85    |         |         |          |        |        |   | -                 | BT-M73-6HB  |
|                  | 1/2"         |        | 1.86   | 0.97   | 0.85    |         |         |          |        |        |   | -                 | BT-M73-8HB  |
| <p>Hose Barb</p> | 1/4"         |        | 1.84   |        | 0.85    |         |         |          |        |        |   | -                 | BT-M74-4HB  |
|                  | 3/8"         |        | 1.84   |        | 0.85    |         |         |          |        |        |   | -                 | BT-M74-6HB  |
|                  | 1/2"         |        | 1.84   |        | 0.85    |         |         |          |        |        |   | -                 | BT-M74-8HB  |
| Sealing Cap      |              |        | 1.01   | 0.97   | 0.85    |         |         |          |        |        |   | -                 | BT-M73-PLUG |
| Sealing Plug     |              |        | 1.57   |        | 0.58    |         |         |          |        |        |   | -                 | BT-M74-PLUG |

⚠ Please consider our security advices on page 18 ⚠