

# ReadyMate Disposable Aseptic Connectors

READYTOPROCESS

Cytiva's line of ReadyToProcess™ systems and accessories are supported by integrated devices that help maintain secure connectivity throughout the manufacturing process. Simple, sterile connections between media bags, as well as leak proof seals of thermoplastic tubing are examples of ReadyToProcess connectivity solutions. ReadyToProcess connectivity products provide the links between our systems and components, allowing rapid, secure workflows while maintaining sterile integrity.

The ReadyMate™ Disposable Aseptic Connector (DAC; Fig 1) provides safe connections for high fluid throughput (Fig 2) and offers a secure, simple, and economical connection for upstream and downstream applications. ReadyMate DAC connectors are gamma compatible and can be part of a sterile circuit. They can be used to connect assembly components upstream and downstream.

ReadyMate connectors provide:

- Secure, single-use connections made quickly and easily in any environment
- Genderless design with cross-size connectivity reduces inventory and increases flexibility
- Large inner diameter for high throughput
- TC, Mini-TC, and standard hose barb sizes
- Secure closure mechanism using standard sanitary clamps (ISO 2852) or a disposable clamp to make a tamper-proof, lightweight connection



Fig 1. ReadyMate is available in six connection sizes.

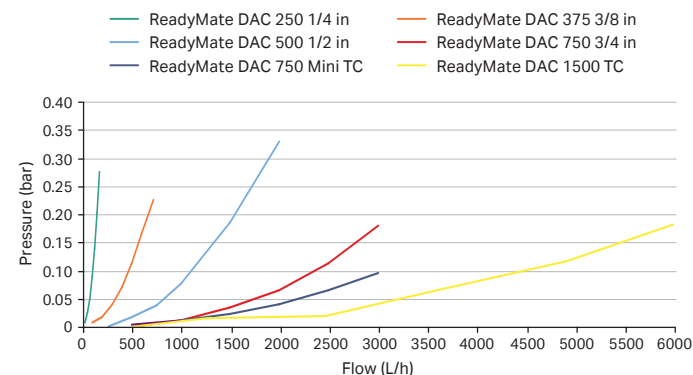


Fig 2. ReadyMate pressure/flow curves.

## Technical specifications

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Sizes                 | 1/4 in (6.4 mm OD)                              |
|                       | 3/8 in (9.5 mm OD)                              |
|                       | 1/2 in (12.7 mm OD)                             |
|                       | 3/4 in (19.1 mm OD)                             |
|                       | Standard Mini-TC (ID 15.7 mm)                   |
|                       | Standard TC 1½ in (ID 19.7 mm)                  |
| Outside clamp profile | 50 mm (1½ in) ISO standard 2852                 |
| Wetted materials      | Polycarbonate                                   |
|                       | Silicone rubber                                 |
| Material compliance   | USP Class VI                                    |
|                       | 21 CFR 177                                      |
|                       | Animal-free origin or compliance to EMEA/410/01 |
| Maximum Pressure*     | 5 bar (4°C to 40°C)                             |
| Sterilization method  | Gamma irradiation (25–50 kGy)                   |
|                       | Autoclaving (125°C, 15–30 min)                  |
|                       | One sterilization cycle                         |
|                       | Not intended for Steam-in-Place (SIP)           |
| Shelf life            | 3 yr                                            |
| Storage temperature   | 4°C to 30°C                                     |

\* Depends on strapping and assembly components.

## Ordering information

| Product                            | Quantity | Code number |
|------------------------------------|----------|-------------|
| ReadyMate DAC 250 with 1/4 in barb | 50*      | 28-9366-91  |
| ReadyMate DAC 250 with 1/4 in barb | 10†      | 28-9366-12  |
| ReadyMate DAC 375 with 3/8 in barb | 50*      | 28-9366-92  |
| ReadyMate DAC 375 with 3/8 in barb | 10†      | 28-9366-87  |
| ReadyMate DAC 500 with 1/2 in barb | 50*      | 28-9366-93  |
| ReadyMate DAC 500 with 1/2 in barb | 10†      | 28-9366-88  |
| ReadyMate DAC 750 with 3/4 in barb | 50*      | 28-9366-94  |
| ReadyMate DAC 750 with 3/4 in barb | 10†      | 28-9366-89  |
| ReadyMate DAC 750 Mini TC          | 50*      | 28-9367-07  |
| ReadyMate DAC 750 Mini TC          | 10†      | 28-9366-95  |
| ReadyMate DAC 1500 TC              | 50*      | 28-9568-90  |
| ReadyMate DAC 1500 TC              | 10†      | 28-9568-89  |
| ReadyClamp                         | 25       | 28-9366-90  |

\* five bags of 10

† one bag of 10

## Related literature

|                                                      |            |
|------------------------------------------------------|------------|
| ReadyMate Disposable Aseptic Connectors, Instruction | 28-9511-36 |
|------------------------------------------------------|------------|

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