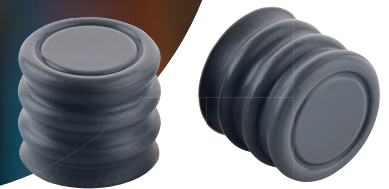




Every small detail is essential to de-risk your next big breakthrough in biologics

Meet our advanced biologics prefillable syringe system offerings



BD offers an integrated Prefillable Syringe system approach, backed by a comprehensive portfolio of syringes, stoppers and other drug delivery solutions.

The BD Neopak™ Glass Prefillable Syringe platform is designed to address key development needs for biologic drugs, such as enabling drug-container and autoinjector compatibility and accommodate a range of viscosities and sensitive drug formulations.^{1,2,3,4} It is available in both 1mL and 2.25mL formats.

The latest addition to the BD Neopak™ Glass Prefillable Syringe platform is our BD Neopak™ XtraFlow™ Glass Prefillable Syringe.

Featuring a shorter (8mm) needle length and thinner wall cannula, the BD Neopak™ XtraFlow™ Glass Prefillable syringe has been designed to optimize subcutaneous delivery of higher viscosity drug formulations >15cP.^{3,*}

The BD Neopak™ Glass Prefillable Syringe Platform can be leveraged with our BD SCF™ PremiumCoat® Plunger Stopper, available in 1mL and 1-3mL sizes.

BD SCF™ PremiumCoat® supports:

- Improved functional performance due to reduced glide force and glide force variability^{**5,6}
- Container Closure Integrity with guarantee of no ribs not touching^{7,8}
- Integration into combination products through a robust system data package^{9,10}

Developing new biologics is complex, choosing the right partner is not.

Partner with BD today.

*When compared to 12.7 mm special thin wall (STW) needle

**When compared to the BD SCF™ FluroTec™ Plunger Stopper. Results are based on a sample of 100 pieces of BD Flurotec® and BD SCF™ PremiumCoat®. Variables compared were Mean (glide force reduction) and standard deviation (glide force variability)

‡ Gliding test performed at nominal design space, in BD Neopak™ Glass Prefillable Syringe 2.25mL 27G filled with WFI

1. BD Neopak™ 1mL customer quality specification, Le Pont-de-Claix, France; Becton, Dickinson, 2017 2. BD Neopak™ and BD Neopak™ XSi™ 2.25 mL customer quality specification, Le Pont-de-Claix, France; Becton, Dickinson, 2020 3. Injection time and ejection force calculation [internal study], Le Pont-de-Claix, France; Becton, Dickinson and Company, 2021 4. Depaz et al. Cross-Linked Silicone Coating: A Novel Prefilled Syringe Technology That Reduces Subvisible Particles and Maintains Compatibility with Biologics JOURNAL OF PHARMACEUTICAL SCIENCES 103:1384–1393, 2014 5. DVTR20192507_DV data BD SCF™ PremiumCoat® 1 mL R&D data [internal study], Le Pont-de-Claix, France; Becton, Dickinson and Company, 2023. 6. TR20234488 Le Pont-de-Claix, France; Becton, Dickinson and Company; 2024 7. BD SCF™ PremiumCoat™ Plunger Stopper 1mL Customer quality specifications. Le Pont-de-Claix, France; Becton, Dickinson and Company; 2022. 8. BD SCF™ PremiumCoat™ Plunger Stopper 1-3mL Customer quality specifications. Le Pont-de-Claix, France; Becton, Dickinson and Company; 2023. 9. Design Control Evidence BD SCF™ PremiumCoat™ 1mL with integrated biologics system data in Neopak Syringes. Le Pont-de-Claix, France; Becton, Dickinson and Company; 2021 10. Design Control Evidence BD SCF™ PremiumCoat™ 1-3mL with integrated biologics system data in Neopak Syringes. Le Pont-de-Claix, France; Becton, Dickinson and Company; 2024

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