

BD tools for vaccine combination product developers

BD Hypak™ for Vaccines Glass Prefillable Syringe System



Key benefits

- Key specifications adapted to the current needs of vaccine manufacturing³
- Minimized risk of deviation through In-Process Controls implemented at critical steps of the manufacturing process³
- Multi-sourcing network for business continuity
- 30 references available: staked needle or luer tip, different flanges, tip or needle caps, etc.

Available	Stacked needle	Luer
BD SCF**	1 mL	1 mL – 1,25 mL 1,5 mL
Flange	Cut	Cut – Round Small round
Tip / Needle Cap type	Rigid needle shield	Plastic Rigid Tip Cap (PRTC)
Needle diameter	25G – 27G	
Needle length	5/8"	

* for cut flange format

** BD SCF™: BD Sterile, Clean and ready to Fill

Experience

- Nearly 3 billion units sold since launch⁴
- Selected by the top 5 vaccine pharmaceutical companies^{5,6}
- BD is uniquely positioned with high volume production capacity delivering hundreds of millions⁴ of BD Hypak™ for Vaccines each year

Availability

- Will benefit from BD long- term capacity extension program with investment of over USD 1.2 billion for ready-to-administer containers for injectable drugs⁷
- Samples available on demand
- Commercial availability to be evaluated against requirements



References

1. Summative Study Report – PHS-15-HPK02 : a simulated study for IFU validation of BD Hypak™ stacked needle and BD Hypak™ PRTC in health care workers (HCWs) and self-injection patients populations
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3. BD Hypak™ for vaccines needle design verification rationale [internal study]. Pont-de-Claix, FR: Becton, Dickinson and Company; 2013
4. BD sales analysis [internal analysis]. Pont-de-Claix, FR: Becton, Dickinson and Company; 2019
5. Market analysis and product sales for Vaccines, from 2014 to 2018 [internal analysis]. Pont de Claix, FR: Becton, Dickinson and Company; 2019
6. Vaccines Market Leaders, <https://www.statista.com/statistics/314562/leading-global-pharmaceutical-companies-by-vaccine-revenue/> accessed 4th April 2018
7. BD-PS external communication to customers - BD to Invest \$1.2 Billion in Pre-Fillable Syringe Manufacturing Capacity Over Next Four Years <https://news.bd.com/2020-12-02-BD-to-Invest-1-2-Billion-in-Pre-Fillable-Syringe-Manufacturing-Capacity-Over-Next-Four-Years/Accessed> Dec. 2, 2020

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