

Tofflon



**Single-use Sterile
Transport Solution**

EXPERTISE IN BIO-PHARMACEUTICAL

Single-use Sterile Transport Solution

With years of expertise in filling machine and isolator solutions for aseptic pharmaceutical production, Tofflon provides efficient and contamination-free transfer solutions, ensuring high-speed production during the movement of materials between different areas.

Product Feature

- ✓ Maintenance-free, enabling efficient, flexible, and scalable production.
- ✓ Single-use bags containing components can be sterilized on-site or provided as on-demand services by our various partners.
- ✓ Ready-to-Use (RTU) or Ready-to-Sterilize (RTS) products ensure secure and sealed transfers, guaranteeing safe and aseptic handling.

Technical Data

- ✓ Diameters: 105 mm, 190 mm.
- ✓ Materials: Tyvek™, PE/EVOH/PE.
- ✓ Volume: 10L - 150L (Customizable).
- ✓ Shelf life: 24 months.
- ✓ Delivered directly or through component manufacturers.

Component Delivery

Components like rubber plugs, aluminum caps, and plastic bottles can be transferred into the sterile area.

Utilizing pre-filled Single-use Beta Bag ensures aseptic condition without the need for maintenance, cleaning, or predecontamination.

Cross-class Liquid Transfer

Single-use beta bag can be used for filling in Class-A environment and cross-class transfer.



Product Parameter

Name	Volume (L)	RTP Valve Dimension	Material	Item Number	Notes
Single-use Beta Bag	30L	190mm	Tyvek™	BTD-T-30LP1	10L-150L (Customizable)
	30L	190mm	Tyvek™	BTD-T-30LP1	
	30L	105mm	Tyvek™	BTD-T-30LP2	
	30L	105mm	Tyvek™	BTD-T-30LP2	
	30L	190mm	PE/EVOH/PE	BTD-T-30LC1	
	30L	190mm	PE/EVOH/PE	BTD-T-30LC1	
	30L	105mm	PE/EVOH/PE	BTD-T-30LC2	
	30L	105mm	PE/EVOH/PE	BTD-T-30LC2	

File Validation

- ✓ Sealing integrity validation.
- ✓ Mechanical validation: Load experiment validation, leakage testing.
- ✓ Aseptic validation: 25-40 kGy gamma irradiation sterilization, high-temperature sterilization.
- ✓ Microbiological testing: Microbial load, endotoxin.
- ✓ Particle validation.



Production Environment

Assembled in ISO 5 and ISO 7 environments for ultraclean production. Factory testing includes leak, visual, and mechanical connection tests. Each batch comes with a certificate based on supply chain traceability.





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