



BGB EZPackXL Empty Flash Cartridges



Operation Guide

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Part Number: DR-BGB-2208
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BGB EZPack XL empty flash cartridge is composed of 1 polypropylene plastic tube, 2 stainless steel caps, 2 stainless steel hoops, 2 polyethylene frits and 2 PTFE O-Rings.



Plastic tube, frits and O-Rings may be contaminated after one or several uses depending of application. These parts have to be replaced depending of user needs and are available individually.

Stainless Steel caps and hoops are fully reusable for a long time.

The optimized design of BGB EZPackXL empty flash cartridges provides a convenient, economical and suitable solution to chemists for large scale purifications.

Step 1:

Place the column tube on the lab bench, and place the sealing ring in the groove of the column tube opening.



Step 2:

Place the cap on the sealing ring, and the sealing ring fits into the groove on the lower part of the cap.



Step3:

Use the hoop to hold the outer rim of the cap and the outer rim of the column tube opening.



Step 4:

The locking component on the hoop includes a screw rod and a locking nut, and the locking nut is threaded on the screw rod. Pass the screw rod through the locking opening, and screw the locking nut to make the column tube and the cap move toward each other to realize the locking connection. It is recommended to use a wrench tool to tighten the locking nut.



Step 5:

Rotate the column body so that the other opening end is up. Place the bottom frit into the lower part of the column body, and use the plug tool (p/n# BDL000TO-007) to flatten the bottom frit. At this time, the bottom frit is in contact with the cap.



Step 6:

Fill suitable chromatographic media or solid samples into the tube according to user needs.



Step 7:

Place the top frit on the filled media bed and align the frit horizontally.



Step 8:
Place the other sealing ring in the groove of the column body opening.



Step 9:
Place the other cap on the sealing ring, and the sealing ring fits into the groove on the lower part of the cap.



Step 10:

Use the other hoop to hold the outer rim of the cap and the outer rim of the column body opening, and lock the column body and the cap by screwing the locking nut. It is recommended to use a wrench tool to tighten the locking nut.



Step 11:

Connect the adaptors of the tubings to the inlet and outlet of the cartridge. Users can choose the appropriate adaptor of 1/8-inch (p/n# BADPTPK18), 3/16-inch (p/n# BADPTPK316) or 1/4-inch (p/n# BADPTPK14) OD tubing according to their needs.



Ordering information



Part No.	Description
BDL000F-SK08	EZPackXL Empty Cart. w/ SS Connexion Kit, O-Rings & Frits, 800g, ea.
BDL000F-SK16	EZPackXL Empty Cart. w/ SS Connexion Kit, O-Rings & Frits, 1.6kg, ea.
BDL000F-SK30	EZPackXL Empty Cart. w/ SS Connexion Kit, O-Rings & Frits, 3.0kg, ea.
BEMPT-SK08	EZPackXL Column Body, PP, 800g, ea.
BEMPT-SK16	EZPackXL Column Body, PP, 1600g, ea.
BEMPT-SK30	BGB Plastic Tube, Polypropylene, for EZPackXL Empty Flash Cartridges, 3.0kg, ea.
BTFEZIPPE-SK0830	BGB Top Frit, Polyethylene, for EZPackXL Empty Flash Cartridges, all size, ea.
BBFEZIPPE-SK0830	BGB Bottom Frit, Polyethylene, for EZPackXL Empty Flash Cartridges, all size, ea.
BCNXK-SK0830	BGB Connexion kit, Stainless Steel, for EZPackXL Empty Flash Cartridges (incl. stainless steel cap, hood and sealing ring), all size, ea.
BDL000TO-007	BGB Frit Insertion Tool for all BGB EZPackXL empty Flash Cartridges, ea.
BADPTPK18	EZPackXL Adapter for 1/8" OD Tubing, PEEK, ea.
BADPTPK316	EZPackXL Adapter for 3/16" OD Tubing, PEEK, ea.
BADPTPK14	EZPackXL Adapter for 1/4" OD Tubing, PEEK, ea.