

EZYFLASH Cartridges

Orochem's EZYFLASH Cartridges are a novel product conveniently equipped with Luer-Lock connections, compatible with most flash chromatography systems.

Features

- ✿ Machine packed with ultra-high purity silica gel using proprietary dry packing technique
- ✿ Luer-Lock connections
- ✿ Compatible with most flash chromatography systems
- ✿ Liquid sample injection (sample loader)
- ✿ Narrow particle size distribution and low trace metal content sorbent
- ✿ Max pressure: up to 300 psi for normal phases; up to 400 psi for reversed phases
- ✿ Available chemistries: Silica, Diol, CN, NH₂, Phenyl, Phenyl-Hexyl, C₈, C₁₈, C₁₈-AQ, SAX, SCX, Alumina (A / B / N)
- ✿ Size range: 4g, 12g, 25g, 40g, 80g, 120g, 220g, 330g.



Advantages

- ✿ High resolution, improved chromatographic performance, and reproducibility
- ✿ Supports work at higher flow rates

ACCESS Cartridges

Orochem's new ACCESS empty flash cartridge is openable column with a twist cap.

Features:

- ✿ Suitable for solid and liquid sample loading
- ✿ Max pressure: up to 300 psi
- ✿ Size range: 4g, 12g, 25g, 40g, 80g, 120g, 220g, 330g

Standard Female Luer



Standard Male Luer

EZYFLASH Bulk Sorbents

- ✿ For flash or prep chromatography
- ✿ Silica, C₁₈, CN, Phenyl, Phenyl-Hexyl, SAX, SCX, NH₂, Alumina (A,N,B): Irregular, 40-63 μ m
- ✿ Spherical C₁₈: 40-63 μ m, 20-45 μ m, 15 μ m and 10 μ m
- ✿ Spherical C₈: 10 μ m



EZYFLASH Product Range

EZYPure Irregular Silica

Particle size: 40–63µm Pore size: 60 E
 Surface area: 500 m²/g, pH range: 6.5–7.5
 Loading capacity: 0.1–10% Max. pressure: 300 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g, 800g, 1600g, 3000g

EZY-pure Irregular C18 (end- capping)

Particle size: 40-63µm Pore size: 60 E
 Surface area: 500 m²/g, Carbon content: 17%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Spherical C18 (end- capping)

Particle size: 20-45µm Pore size: 100 E
 Surface area: 320 m²/g, Carbon content: 17%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Spherical C18 (AQ) (end- capping)

Particle size: 20-45µm Pore size: 100 E
 Surface area: 320 m²/g, Carbon content: 17%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Spherical Phenyl (end- capping) & Phenyl Hexyl (end-capping)

Particle size: 20-45µm Pore size: 100 E
 Surface area: 320 m²/g, Carbon content: 10%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

High-quality Irregular Alumina

(Acidic, Neutral, Basic)

Particle size: 50–75µm Pore size: 55 E
 Loading capacity: 0.1–4% Max. pressure: 300 psi
 Surface area: 155 m²/g,
 pH range: acidic 3.8–4.8, neutral 6.5–7.5, basic 9.0–10.0
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g, 800g, 1600g, 3000g

EZY-pure Spherical C18-15µm (end- capping)

Particle size: 15µm Pore size: 100 E
 Surface area: 320 m²/g, Carbon content: 17%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Spherical CN (end- capping)

Particle size: 20-45µm Pore size: 100 E
 Surface area: 320 m²/g, Carbon content: 5.5%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Irregular NH₂ (end- capping)

Particle size: 40-63µm Pore size: 60 E
 Surface area: 500 m²/g, Amino content: 1.3 mmol/g
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Spherical C18 (end- capping)

Particle size: 40-63µm Pore size: 60 E
 Surface area: 500 m²/g, Carbon content: 17%
 Loading capacity: 0.1-2% Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Irregular SCX (end- capping)

Particle size: 40-63µm Pore size: 60 E
 Surface area: 500 m²/g, Carbon content: 10%
 Ion-exchange capacity ≤ 0.34 meq/g
 Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

EZY-pure Irregular SAX (end- capping)

Particle size: 40-63µm Pore size: 60 E
 Surface area: 500 m²/g, Carbon content: 8%
 Ion-exchange capacity ≤ 0.26 meq/g
 Max. pressure: 400 psi
 Pre-packed EZYFLASH column size range: 4g, 12g,
 25g, 40g, 80g, 120g, 220g, 330g

