



CHROMABOND® Flash cartridges

Ideal for Flash separations from 10 mg up to 160 g

Convenient operation and reliable upscaling; Complete program of ready-to-use Flash cartridges for:

- Isco Companion® and other Teledyne Isco CombiFlash® systems
- Biotage® Isolera™, Biotage® FlashMaster™
- Or as stand-alone version for all pump / detector combinations, e.g., from Biotage®, Büchi

Enhanced flexibility

- All common RP and NP phases available on request
- Adsorbent weights from 4 g to 1600 g (up to 300 g for BT)

Outstanding price-performance ratio

Increased analytical safety

- Low bleed polypropylene cartridges, organic solvent resistant, thick column walls, one piece body, sophisticated length-to-diameter ratio for high plate numbers and excellent separation efficiencies, optimal ratio of length and diameter
- Distribution of eluent stream via highly porous frits
- High pressure stability of 21 bar / 300 psi (15 bar for 80 g and 120 g cartridges, 12 bar for cartridges > 200 g, 7 bar for 3000 g), good reproducibility

High quality standard

- All flash cartridges and adsorbents undergo comprehensive during- and after-production quality assurance measures to ensure that the products conform to the specification.



CHROMABOND® Flash RS - pictures of CHROMABOND® Flash BT, DL and FM hardware can be found on page 15.



CHROMABOND® Flash RS solutions for Isco® Flash instruments

★ Key features

- Heavy-duty polypropylene cartridges designed for use in Teledyne Isco CombiFlash® systems (Companion®, R_f etc.) without additional connectors or capillaries.
- Column connection:
cartridges up to RS 330: female Luer lock inlet and male Luer outlet
RS 800 and RS 1600: maxi Luers

✓ Recommended application

- Using the CHROMABOND® Flash Starter Kit, REF 730798 or the CHROMABOND® Flash Stand Alone Kit, REF 732903 (see page 78) CHROMABOND® Flash RS cartridges can also be used as stand alone system with any pump / detector / fraction collector combination (except RS 800, RS 1600 and RS 3000 with maxi Luers).

Ordering information

Description	Column length [cm]	ID [mm]	Adsorbent weight [g]	Pack of	REF
CHROMABOND® Flash RS columns with Luer exit					
Filled with standard silica, unmodified (SiOH) or endcapped octadecyl modified (C ₁₈ ec), 40–63 µm, specific surface 500 m ² /g, pH stability 2–8					
CHROMABOND® Flash RS 4 SiOH	9.8	12.4	4	20	732800
CHROMABOND® Flash RS 15 SiOH	11.6	21.2	15	20	732801
CHROMABOND® Flash RS 25 SiOH	16.5	21.2	25	15	732802
CHROMABOND® Flash RS 40 SiOH	17.1	26.4	40	15	732803
CHROMABOND® Flash RS 80 SiOH	24.0	30.8	80	12	732804
CHROMABOND® Flash RS 120 SiOH	25.5	36.0	120	10	732805
CHROMABOND® Flash RS 200 SiOH	20.0	60.0	200	6	732806
CHROMABOND® Flash RS 330 SiOH	27.0	60.0	330	4	732807
CHROMABOND® Flash RS 800 SiOH	38.5	82.0	800	2	732808
CHROMABOND® Flash RS 1600 SiOH	43.0	104.0	1600	2	732809
CHROMABOND® Flash RS 3000 SiOH	51.0	127.5	3000	1	732850
Corresponding TLC plates: silica (see page 273)					
CHROMABOND® Flash RS 4 C ₁₈ ec	9.8	12.4	4.3	2	732810
CHROMABOND® Flash RS 15 C ₁₈ ec	11.6	21.2	16.4	1	732811
CHROMABOND® Flash RS 25 C ₁₈ ec	16.5	21.2	26	1	732812
CHROMABOND® Flash RS 40 C ₁₈ ec	17.1	26.4	43	1	732813
CHROMABOND® Flash RS 80 C ₁₈ ec	24.0	30.8	86	1	732814
CHROMABOND® Flash RS 120 C ₁₈ ec	25.5	36.0	130	1	732815
CHROMABOND® Flash RS 200 C ₁₈ ec	20.0	60.0	220	1	732816
CHROMABOND® Flash RS 330 C ₁₈ ec	27.0	60.0	360	1	732817
CHROMABOND® Flash RS 800 C ₁₈ ec	38.5	82.0	880	1	732818
CHROMABOND® Flash RS 1600 C ₁₈ ec	43.0	104.0	1760	1	732819
Corresponding TLC plates: RP-18 W/UV ₂₅₄ (see page 284)					

On request, all column types listed above can be packed with any adsorbent from our program of CHROMABOND® adsorbents (starting from page 16). Please note that other packings often result in differing adsorbent weights.