

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
30781	CHIRALPAK® AGP (2-pkg)	10	3	5	Guard Cartridges (x 2)
30791	CHIRALPAK® AGP (2-pkg)	10	2	5	Guard Cartridges (x 2)
30711	CHIRALPAK® AGP (2-pkg)	10	4	5	Guard Cartridges (x 2)

**CHIRALPAK® CBH**

33713	CHIRALPAK® CBH	100	4	5	Analytical
33714	CHIRALPAK® CBH	150	4	5	Analytical
33712	CHIRALPAK® CBH	50	4	5	Analytical
33783	CHIRALPAK® CBH	100	3	5	Analytical
33784	CHIRALPAK® CBH	150	3	5	Analytical
33782	CHIRALPAK® CBH	50	3	5	Analytical
33793	CHIRALPAK® CBH	100	2	5	Analytical
33794	CHIRALPAK® CBH	150	2	5	Analytical
33792	CHIRALPAK® CBH	50	2	5	Analytical
33733	CHIRALPAK® CBH	100	10	5	Semi-Prep
33734	CHIRALPAK® CBH	150	10	5	Semi-Prep
33781	CHIRALPAK® CBH (2-pkg)	10	3	5	Guard Cartridges (x 2)
33791	CHIRALPAK® CBH (2-pkg)	10	2	5	Guard Cartridges (x 2)
33711	CHIRALPAK® CBH (2-pkg)	10	4	5	Guard Cartridges (x 2)

**CHIRALPAK® HSA**

34713	CHIRALPAK® HSA	100	4	5	Analytical
34714	CHIRALPAK® HSA	150	4	5	Analytical
34712	CHIRALPAK® HSA	50	4	5	Analytical
34783	CHIRALPAK® HSA	100	3	5	Analytical
34784	CHIRALPAK® HSA	150	3	5	Analytical
34782	CHIRALPAK® HSA	50	3	5	Analytical
34793	CHIRALPAK® HSA	100	2	5	Analytical
34794	CHIRALPAK® HSA	150	2	5	Analytical
34792	CHIRALPAK® HSA	50	2	5	Analytical
34733	CHIRALPAK® HSA	100	10	5	Semi-Prep
34734	CHIRALPAK® HSA	150	10	5	Semi-Prep
34781	CHIRALPAK® HSA (2-pkg)	10	3	5	Guard Cartridges (x 2)
34791	CHIRALPAK® HSA (2-pkg)	10	2	5	Guard Cartridges (x 2)
34711	CHIRALPAK® HSA (2-pkg)	10	4	5	Guard Cartridges (x 2)

**CHIRALPAK® BSA**

35712	CHIRALPAK® BSA	50	4	5	Analytical
35714	CHIRALPAK® BSA	150	4	5	Analytical
35782	CHIRALPAK® BSA	50	3	5	Analytical
35792	CHIRALPAK® BSA	50	2	5	Analytical
35781	CHIRALPAK® BSA	10	3	5	Guard Cartridges (x 2)
35791	CHIRALPAK® BSA	10	2	5	Guard Cartridges (x 2)
35711	CHIRALPAK® BSA	10	4	5	Guard Cartridges (x 2)

**CHIRALPAK® DSA**

36712	CHIRALPAK® DSA	50	4	5	Analytical
36714	CHIRALPAK® DSA	150	4	5	Analytical
36782	CHIRALPAK® DSA	50	3	5	Analytical
36792	CHIRALPAK® DSA	50	2	5	Analytical
36781	CHIRALPAK® DSA	10	3	5	Guard Cartridges (x 2)

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
36791	CHIRALPAK® DSA	10	2	5	Guard Cartridges (x 2)
36711	CHIRALPAK® DSA	10	4	5	Guard Cartridges (x 2)

**CHIRALPAK® MSA**

37712	CHIRALPAK® MSA	50	4	5	Analytical
37782	CHIRALPAK® MSA	50	3	5	Analytical

**CHIRALPAK® PSA**

43712	CHIRALPAK® PSA	50	4	5	Analytical
43782	CHIRALPAK® PSA	50	3	5	Analytical

**CHIRALPAK® RSA**

38712	CHIRALPAK® RSA	50	4	5	Analytical
38714	CHIRALPAK® RSA	150	4	5	Analytical
38782	CHIRALPAK® RSA	50	3	5	Analytical
38792	CHIRALPAK® RSA	50	2	5	Analytical
38781	CHIRALPAK® RSA	10	3	5	Guard Cartridges (x 2)
38791	CHIRALPAK® RSA	10	2	5	Guard Cartridges (x 2)
38711	CHIRALPAK® RSA	10	4	5	Guard Cartridges (x 2)

**PROTEIN-BASED COLUMN ACCESSORIES**

00081	GUARD CARTRIDGE HOLDER*				Holder for guard cartridges
000D1	GUARD COLUMN COUPLER				Coupler
000D2	GUARD COLUMN COUPLER MICRO				Coupler

\* for protein-based guard cartridges

**CHIRAL SELECTORS FOR SPECIAL APPLICATIONS****CROWNPAK® CR-I (+) & (-)**

53784	CROWNPAK® CR-I(+)	150	3	5	Analytical
54784	CROWNPAK® CR-I(-)	150	3	5	Analytical

**CROWNPAK® CR (+) & (-)**

27711	CROWNPAK® CR	10	4	5	Guard
27714	CROWNPAK® CR(+)	150	4	5	Analytical
28714	CROWNPAK® CR(-)	150	4	5	Analytical

**CHIRALPAK® ZWIX(+) & ZWIX(-)**

51334	CHIRALPAK® ZWIX(+)	150	10	5	Semi-Prep
51335	CHIRALPAK® ZWIX(+)	250	10	5	Semi-Prep
51344	CHIRALPAK® ZWIX(+)	150	21	5	Semi-Prep
51345	CHIRALPAK® ZWIX(+)	250	21	5	Semi-Prep
51514	CHIRALPAK® ZWIX(+)	150	4	3	Analytical
51515	CHIRALPAK® ZWIX(+)	250	4	3	Analytical
51584	CHIRALPAK® ZWIX(+)	150	3	3	Analytical
51585	CHIRALPAK® ZWIX(+)	250	3	3	Analytical
52334	CHIRALPAK® ZWIX(-)	150	10	5	Semi-Prep
52335	CHIRALPAK® ZWIX(-)	250	10	5	Semi-Prep
52344	CHIRALPAK® ZWIX(-)	150	21	5	Semi-Prep
52345	CHIRALPAK® ZWIX(-)	250	21	5	Semi-Prep
52514	CHIRALPAK® ZWIX(-)	150	4	3	Analytical