



Product List 2014

Products and Accessories



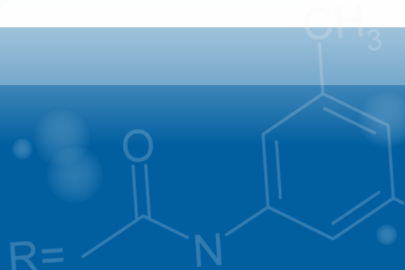
move easily
move reliably
move quickly

move ahead



CHIRAL
TECHNOLOGIES EUROPE
DAICEL GROUP

www.chiraltech.com



2014 Product List

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
IMMOBILISED POLYSACCHARIDE CSPs AND COLUMNS*					
CHIRALPAK® IA					
80020	CHIRALPAK IA	-	Kg	20	CSP
80021	CHIRALPAK IA	-	100 g	20	CSP
80224	CHIRALPAK IA	150	4.6	20	Analytical
80225	CHIRALPAK IA	250	4.6	20	Analytical
80226	CHIRALPAK IA	300	4.6	20	Analytical
80256	CHIRALPAK IA	500	50	20	Prep
80266	CHIRALPAK IA	500	100	20	Prep
80311	CHIRALPAK IA	10	4	5	Guard Cartridges (x 3)
80321	CHIRALPAK IA	50	4.6	5	Analytical
80323	CHIRALPAK IA	100	4.6	5	Analytical
80324	CHIRALPAK IA	150	4.6	5	Analytical
80325	CHIRALPAK IA	250	4.6	5	Analytical
80335	CHIRALPAK IA	250	10	5	Semi-Prep
80337	CHIRALPAK IA	20	10	5	Guard Semi-Prep
80345	CHIRALPAK IA	250	20	5	Semi-Prep
80375	CHIRALPAK IA	250	30	5	Prep
80355	CHIRALPAK IA	250	50	5	Prep
80394	CHIRALPAK IA	150	2.1	5	Analytical
80423	CHIRALPAK IA SFC	100	4.6	5	Analytical
80435	CHIRALPAK IA SFC	250	10	5	Semi-Prep
80445	CHIRALPAK IA SFC	250	20	5	Semi-Prep
80475	CHIRALPAK IA SFC	250	30	5	Prep
80455	CHIRALPAK IA SFC	250	50	5	Prep

CHIRALPAK® IA-3

80511	CHIRALPAK IA-3	10	4	3	Guard Cartridges (x 3)
80522	CHIRALPAK IA-3	50	4.6	3	Analytical
80523	CHIRALPAK IA-3	100	4.6	3	Analytical
80524	CHIRALPAK IA-3	150	4.6	3	Analytical
80525	CHIRALPAK IA-3	250	4.6	3	Analytical
80592	CHIRALPAK IA-3	50	2.1	3	Analytical
80593	CHIRALPAK IA-3	100	2.1	3	Analytical
80594	CHIRALPAK IA-3	150	2.1	3	Analytical
80595	CHIRALPAK IA-3	250	2.1	3	Analytical
80S82	CHIRALPAK IA-3	50	3.0	3	Analytical
80S83	CHIRALPAK IA-3	100	3.0	3	Analytical
80S84	CHIRALPAK IA-3	150	3.0	3	Analytical

CHIRALPAK® IB

81311	CHIRALPAK IB	10	4	5	Guard Cartridges (x 3)
81321	CHIRALPAK IB	50	4.6	5	Analytical
81323	CHIRALPAK IB	100	4.6	5	Analytical
81324	CHIRALPAK IB	150	4.6	5	Analytical
81325	CHIRALPAK IB	250	4.6	5	Analytical
81335	CHIRALPAK IB	250	10	5	Semi-Prep
81337	CHIRALPAK IB	20	10	5	Guard Semi-Prep
81345	CHIRALPAK IB	250	20	5	Semi-Prep
81375	CHIRALPAK IB	250	30	5	Prep
81355	CHIRALPAK IB	250	50	5	Prep
81394	CHIRALPAK IB	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
81423	CHIRALPAK IB SFC	100	4.6	5	Analytical
81435	CHIRALPAK IB SFC	250	10	5	Semi-Prep
81445	CHIRALPAK IB SFC	250	20	5	Semi-Prep
81475	CHIRALPAK IB SFC	250	30	5	Prep
81455	CHIRALPAK IB SFC	250	50	5	Prep

CHIRALPAK® IB-3

81511	CHIRALPAK IB-3	10	4	3	Guard Cartridges (x 3)
81522	CHIRALPAK IB-3	50	4.6	3	Analytical
81523	CHIRALPAK IB-3	100	4.6	3	Analytical
81524	CHIRALPAK IB-3	150	4.6	3	Analytical
81525	CHIRALPAK IB-3	250	4.6	3	Analytical
81592	CHIRALPAK IB-3	50	2.1	3	Analytical
81593	CHIRALPAK IB-3	100	2.1	3	Analytical
81594	CHIRALPAK IB-3	150	2.1	3	Analytical
81595	CHIRALPAK IB-3	250	2.1	3	Analytical
81S82	CHIRALPAK IB-3	50	3.0	3	Analytical
81S83	CHIRALPAK IB-3	100	3.0	3	Analytical
81S84	CHIRALPAK IB-3	150	3.0	3	Analytical

CHIRALCEL® OD-I

82020	CHIRALCEL OD-I	-	Kg	20	CSP
82021	CHIRALCEL OD-I	-	100 g	20	CSP
82224	CHIRALCEL OD-I	150	4.6	20	Analytical
82225	CHIRALCEL OD-I	250	4.6	20	Analytical
82226	CHIRALCEL OD-I	300	4.6	20	Analytical
82256	CHIRALCEL OD-I	500	50	20	Prep
82266	CHIRALCEL OD-I	500	100	20	Prep

CHIRALPAK® IC

83020	CHIRALPAK IC	-	Kg	20	CSP
83021	CHIRALPAK IC	-	100 g	20	CSP
83224	CHIRALPAK IC	150	4.6	20	Analytical
83225	CHIRALPAK IC	250	4.6	20	Analytical
83226	CHIRALPAK IC	300	4.6	20	Analytical
83256	CHIRALPAK IC	500	50	20	Prep
83266	CHIRALPAK IC	500	100	20	Prep
83311	CHIRALPAK IC	10	4	5	Guard Cartridges (x 3)
83321	CHIRALPAK IC	50	4.6	5	Analytical
83323	CHIRALPAK IC	100	4.6	5	Analytical
83324	CHIRALPAK IC	150	4.6	5	Analytical
83325	CHIRALPAK IC	250	4.6	5	Analytical
83335	CHIRALPAK IC	250	10	5	Semi-Prep
83337	CHIRALPAK IC	20	10	5	Guard Semi-Prep
83345	CHIRALPAK IC	250	20	5	Semi-Prep
83375	CHIRALPAK IC	250	30	5	Prep
83355	CHIRALPAK IC	250	50	5	Prep
83394	CHIRALPAK IC	150	2.1	5	Analytical
83423	CHIRALPAK IC SFC	100	4.6	5	Analytical
83435	CHIRALPAK IC SFC	250	10	5	Semi-Prep
83445	CHIRALPAK IC SFC	250	20	5	Semi-Prep
83475	CHIRALPAK IC SFC	250	30	5	Prep
83455	CHIRALPAK IC SFC	250	50	5	Prep

*IMMOBILISED polysaccharide columns are compatible for use in either normal or reverse phase chromatographic conditions.

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® IC-3					
83511	CHIRALPAK IC-3	10	4	3	Guard Cartridges (x 3)
83522	CHIRALPAK IC-3	50	4.6	3	Analytical
83523	CHIRALPAK IC-3	100	4.6	3	Analytical
83524	CHIRALPAK IC-3	150	4.6	3	Analytical
83525	CHIRALPAK IC-3	250	4.6	3	Analytical
83592	CHIRALPAK IC-3	50	2.1	3	Analytical
83593	CHIRALPAK IC-3	100	2.1	3	Analytical
83594	CHIRALPAK IC-3	150	2.1	3	Analytical
83595	CHIRALPAK IC-3	250	2.1	3	Analytical
83S82	CHIRALPAK IC-3	50	3.0	3	Analytical
83S83	CHIRALPAK IC-3	100	3.0	3	Analytical
83S84	CHIRALPAK IC-3	150	3.0	3	Analytical

CHIRALPAK® ID

84020	CHIRALPAK ID	-	Kg	20	CSP
84021	CHIRALPAK ID	-	100 g	20	CSP
84224	CHIRALPAK ID	150	4.6	20	Analytical
84225	CHIRALPAK ID	250	4.6	20	Analytical
84226	CHIRALPAK ID	300	4.6	20	Analytical
84256	CHIRALPAK ID	500	50	20	Prep
84266	CHIRALPAK ID	500	100	20	Prep
84311	CHIRALPAK ID	10	4	5	Guard Cartridges (x 3)
84321	CHIRALPAK ID	50	4.6	5	Analytical
84323	CHIRALPAK ID	100	4.6	5	Analytical
84324	CHIRALPAK ID	150	4.6	5	Analytical
84325	CHIRALPAK ID	250	4.6	5	Analytical
84335	CHIRALPAK ID	250	10	5	Semi-Prep
84337	CHIRALPAK ID	20	10	5	Guard Semi-Prep
84345	CHIRALPAK ID	250	20	5	Semi-Prep
84375	CHIRALPAK ID	250	30	5	Prep
84355	CHIRALPAK ID	250	50	5	Prep
84394	CHIRALPAK ID	150	2.1	5	Analytical
84423	CHIRALPAK ID SFC	100	4.6	5	Analytical
84435	CHIRALPAK ID SFC	250	10	5	Semi-Prep
84445	CHIRALPAK ID SFC	250	20	5	Semi-Prep
84475	CHIRALPAK ID SFC	250	30	5	Prep
84455	CHIRALPAK ID SFC	250	50	5	Prep

CHIRALPAK® ID-3

84511	CHIRALPAK ID-3	10	4	3	Guard Cartridges (x 3)
84522	CHIRALPAK ID-3	50	4.6	3	Analytical
84523	CHIRALPAK ID-3	100	4.6	3	Analytical
84524	CHIRALPAK ID-3	150	4.6	3	Analytical
84525	CHIRALPAK ID-3	250	4.6	3	Analytical
84592	CHIRALPAK ID-3	50	2.1	3	Analytical
84593	CHIRALPAK ID-3	100	2.1	3	Analytical
84594	CHIRALPAK ID-3	150	2.1	3	Analytical
84595	CHIRALPAK ID-3	250	2.1	3	Analytical
84S82	CHIRALPAK ID-3	50	3.0	3	Analytical
84S83	CHIRALPAK ID-3	100	3.0	3	Analytical
84S84	CHIRALPAK ID-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® IE					
85311	CHIRALPAK IE	10	4	5	Guard Cartridges (x 3)
85321	CHIRALPAK IE	50	4.6	5	Analytical
85323	CHIRALPAK IE	100	4.6	5	Analytical
85324	CHIRALPAK IE	150	4.6	5	Analytical
85325	CHIRALPAK IE	250	4.6	5	Analytical
85335	CHIRALPAK IE	250	10	5	Semi-Prep
85337	CHIRALPAK IE	20	10	5	Guard Semi-Prep
85345	CHIRALPAK IE	250	20	5	Semi-Prep
85375	CHIRALPAK IE	250	30	5	Prep
85355	CHIRALPAK IE	250	50	5	Prep
85394	CHIRALPAK IE	150	2.1	5	Analytical
85423	CHIRALPAK IE SFC	100	4.6	5	Analytical
85435	CHIRALPAK IE SFC	250	10	5	Semi-Prep
85445	CHIRALPAK IE SFC	250	20	5	Semi-Prep
85475	CHIRALPAK IE SFC	250	30	5	Prep
85455	CHIRALPAK IE SFC	250	50	5	Prep

CHIRALPAK® IE-3

85511	CHIRALPAK IE-3	10	4	3	Guard Cartridges (x 3)
85522	CHIRALPAK IE-3	50	4.6	3	Analytical
85523	CHIRALPAK IE-3	100	4.6	3	Analytical
85524	CHIRALPAK IE-3	150	4.6	3	Analytical
85525	CHIRALPAK IE-3	250	4.6	3	Analytical
85592	CHIRALPAK IE-3	50	2.1	3	Analytical
85593	CHIRALPAK IE-3	100	2.1	3	Analytical
85594	CHIRALPAK IE-3	150	2.1	3	Analytical
85595	CHIRALPAK IE-3	250	2.1	3	Analytical
85S82	CHIRALPAK IE-3	50	3.0	3	Analytical
85S83	CHIRALPAK IE-3	100	3.0	3	Analytical
85S84	CHIRALPAK IE-3	150	3.0	3	Analytical

CHIRALPAK® IF

86311	CHIRALPAK IF	10	4.0	5	Guard Cartridges (x 3)
86321	CHIRALPAK IF	50	4.6	5	Analytical
86323	CHIRALPAK IF	100	4.6	5	Analytical
86324	CHIRALPAK IF	150	4.6	5	Analytical
86325	CHIRALPAK IF	250	4.6	5	Analytical
86335	CHIRALPAK IF	250	10	5	Semi-Prep
86337	CHIRALPAK IF	20	10	5	Guard Semi-Prep
86345	CHIRALPAK IF	250	20	5	Semi-Prep
86375	CHIRALPAK IF	250	30	5	Prep
86355	CHIRALPAK IF	250	50	5	Prep
86394	CHIRALPAK IF	150	2.1	5	Analytical
86423	CHIRALPAK IF SFC	100	4.6	5	Analytical
86435	CHIRALPAK IF SFC	250	10	5	Semi-Prep
86445	CHIRALPAK IF SFC	250	20	5	Semi-Prep
86475	CHIRALPAK IF SFC	250	30	5	Prep
86455	CHIRALPAK IF SFC	250	50	5	Prep

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REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® IF-3					
86511	CHIRALPAK IF-3	10	4	3	Guard Cartridges (x 3)
86522	CHIRALPAK IF-3	50	4.6	3	Analytical
86523	CHIRALPAK IF-3	100	4.6	3	Analytical
86524	CHIRALPAK IF-3	150	4.6	3	Analytical
86525	CHIRALPAK IF-3	250	4.6	3	Analytical
86592	CHIRALPAK IF-3	50	2.1	3	Analytical
86593	CHIRALPAK IF-3	100	2.1	3	Analytical
86594	CHIRALPAK IF-3	150	2.1	3	Analytical
86595	CHIRALPAK IF-3	250	2.1	3	Analytical
86S82	CHIRALPAK IF-3	50	3.0	3	Analytical
86S83	CHIRALPAK IF-3	100	3.0	3	Analytical
86S84	CHIRALPAK IF-3	150	3.0	3	Analytical

COATED POLYSACCHARIDE CSPs AND COLUMNS

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OA					
11022	CHIRALCEL OA	50	4.6	10	Guard
11025	CHIRALCEL OA	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OB					
12022	CHIRALCEL OB	50	4.6	10	Guard
12025	CHIRALCEL OB	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OB-H					
12311	CHIRALCEL OB-H	10	4	5	Guard Cartridges (x 3)
12324	CHIRALCEL OB-H	150	4.6	5	Analytical
12325	CHIRALCEL OB-H	250	4.6	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OC					
13020	CHIRALCEL OC	-	Kg	20	CSP
13021	CHIRALCEL OC	-	100 g	20	CSP
13224	CHIRALCEL OC	150	4.6	20	Analytical
13225	CHIRALCEL OC	250	4.6	20	Analytical
13226	CHIRALCEL OC	300	4.6	20	Analytical
13022	CHIRALCEL OC	50	4.6	10	Guard
13025	CHIRALCEL OC	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OC-H					
13325	CHIRALCEL OC-H	250	4.6	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OD					
14020	CHIRALCEL OD	-	Kg	20	CSP
14021	CHIRALCEL OD	-	100 g	20	CSP
14224	CHIRALCEL OD	150	4.6	20	Analytical
14225	CHIRALCEL OD	250	4.6	20	Analytical
14226	CHIRALCEL OD	300	4.6	20	Analytical
14256	CHIRALCEL OD	500	50	20	Prep
14266	CHIRALCEL OD	500	100	20	Prep
14025	CHIRALCEL OD	250	4.6	10	Analytical
14032	CHIRALCEL OD	50	10	10	Guard Semi-Prep
14035	CHIRALCEL OD	250	10	10	Semi-Prep
14042	CHIRALCEL OD	50	20	10	Guard Semi-Prep
14045	CHIRALCEL OD	250	20	10	Semi-Prep
14145	CHIRALCEL OD SFC	250	20	10	Semi-Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OD-H					
14311	CHIRALCEL OD-H	10	4	5	Guard Cartridges (x 3)
14321	CHIRALCEL OD-H	50	4.6	5	Analytical
14323	CHIRALCEL OD-H	100	4.6	5	Analytical
14324	CHIRALCEL OD-H	150	4.6	5	Analytical
14325	CHIRALCEL OD-H	250	4.6	5	Analytical
14335	CHIRALCEL OD-H	250	10	5	Semi-Prep
14337	CHIRALCEL OD-H	20	10	5	Guard Semi-Prep
14345	CHIRALCEL OD-H	250	20	5	Semi-Prep
14375	CHIRALCEL OD-H	250	30	5	Prep
14355	CHIRALCEL OD-H	250	50	5	Prep
14394	CHIRALCEL OD-H	150	2.1	5	Analytical
14423	CHIRALCEL OD-H SFC	100	4.6	5	Analytical
14435	CHIRALCEL OD-H SFC	250	10	5	Semi-Prep
14445	CHIRALCEL OD-H SFC	250	20	5	Semi-Prep
14475	CHIRALCEL OD-H SFC	250	30	5	Prep
14455	CHIRALCEL OD-H SFC	250	50	5	Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OD-3					
14511	CHIRALCEL OD-3	10	4	3	Guard Cartridges (x 3)
14522	CHIRALCEL OD-3	50	4.6	3	Analytical
14523	CHIRALCEL OD-3	100	4.6	3	Analytical
14524	CHIRALCEL OD-3	150	4.6	3	Analytical
14525	CHIRALCEL OD-3	250	4.6	3	Analytical
14592	CHIRALCEL OD-3	50	2.1	3	Analytical
14593	CHIRALCEL OD-3	100	2.1	3	Analytical
14594	CHIRALCEL OD-3	150	2.1	3	Analytical
14595	CHIRALCEL OD-3	250	2.1	3	Analytical
14S82	CHIRALCEL OD-3	50	3.0	3	Analytical
14S83	CHIRALCEL OD-3	100	3.0	3	Analytical
14S84	CHIRALCEL OD-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OD-R					
14611	CHIRALCEL OD-R	10	4	10	Guard Cartridges (x 3)
14625	CHIRALCEL OD-R	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OD-RH					
14711	CHIRALCEL OD-RH	10	4	5	Guard Cartridges (x 3)
14724	CHIRALCEL OD-RH	150	4.6	5	Analytical
14794	CHIRALCEL OD-RH	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OD-3R					
14811	CHIRALCEL OD-3R	10	4	3	Guard Cartridges (x 3)
14822	CHIRALCEL OD-3R	50	4.6	3	Analytical
14823	CHIRALCEL OD-3R	100	4.6	3	Analytical
14824	CHIRALCEL OD-3R	150	4.6	3	Analytical
14892	CHIRALCEL OD-3R	50	2.1	3	Analytical
14893	CHIRALCEL OD-3R	100	2.1	3	Analytical
14894	CHIRALCEL OD-3R	150	2.1	3	Analytical
14895	CHIRALCEL OD-3R	250	2.1	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OF					
15020	CHIRALCEL OF	-	Kg	20	CSP
15021	CHIRALCEL OF	-	100 g	20	CSP
15224	CHIRALCEL OF	150	4.6	20	Analytical
15225	CHIRALCEL OF	250	4.6	20	Analytical
15226	CHIRALCEL OF	300	4.6	20	Analytical
15022	CHIRALCEL OF	50	4.6	10	Guard
15025	CHIRALCEL OF	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OG					
16020	CHIRALCEL OG	-	Kg	20	CSP
16021	CHIRALCEL OG	-	100 g	20	CSP
16224	CHIRALCEL OG	150	4.6	20	Analytical
16225	CHIRALCEL OG	250	4.6	20	Analytical
16226	CHIRALCEL OG	300	4.6	20	Analytical
16022	CHIRALCEL OG	50	4.6	10	Guard
16025	CHIRALCEL OG	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OJ					
17020	CHIRALCEL OJ	-	Kg	20	CSP
17021	CHIRALCEL OJ	-	100 g	20	CSP
17224	CHIRALCEL OJ	150	4.6	20	Analytical
17225	CHIRALCEL OJ	250	4.6	20	Analytical
17226	CHIRALCEL OJ	300	4.6	20	Analytical
17256	CHIRALCEL OJ	500	50	20	Prep
17266	CHIRALCEL OJ	500	100	20	Prep
17025	CHIRALCEL OJ	250	4.6	10	Analytical
17032	CHIRALCEL OJ	50	10	10	Guard Semi-Prep
17035	CHIRALCEL OJ	250	10	10	Semi-Prep
17042	CHIRALCEL OJ	50	20	10	Guard Semi-Prep
17045	CHIRALCEL OJ	250	20	10	Semi-Prep
17145	CHIRALCEL OJ SFC	250	20	10	Semi-Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OJ-H					
17311	CHIRALCEL OJ-H	10	4	5	Guard Cartridges (x 3)
17321	CHIRALCEL OJ-H	50	4.6	5	Analytical
17323	CHIRALCEL OJ-H	100	4.6	5	Analytical
17324	CHIRALCEL OJ-H	150	4.6	5	Analytical
17325	CHIRALCEL OJ-H	250	4.6	5	Analytical
17335	CHIRALCEL OJ-H	250	10	5	Semi-Prep
17337	CHIRALCEL OJ-H	20	10	5	Guard Semi-Prep
17345	CHIRALCEL OJ-H	250	20	5	Semi-Prep
17375	CHIRALCEL OJ-H	250	30	5	Prep
17355	CHIRALCEL OJ-H	250	50	5	Prep
17394	CHIRALCEL OJ-H	150	2.1	5	Analytical
17423	CHIRALCEL OJ-H SFC	100	4.6	5	Analytical
17435	CHIRALCEL OJ-H SFC	250	10	5	Semi-Prep
17445	CHIRALCEL OJ-H SFC	250	20	5	Semi-Prep
17475	CHIRALCEL OJ-H SFC	250	30	5	Prep
17455	CHIRALCEL OJ-H SFC	250	50	5	Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OJ-3					
17511	CHIRALCEL OJ-3	10	4	3	Guard Cartridges (x 3)
17522	CHIRALCEL OJ-3	50	4.6	3	Analytical
17523	CHIRALCEL OJ-3	100	4.6	3	Analytical
17524	CHIRALCEL OJ-3	150	4.6	3	Analytical
17525	CHIRALCEL OJ-3	250	4.6	3	Analytical
17592	CHIRALCEL OJ-3	50	2.1	3	Analytical
17593	CHIRALCEL OJ-3	100	2.1	3	Analytical
17594	CHIRALCEL OJ-3	150	2.1	3	Analytical
17595	CHIRALCEL OJ-3	250	2.1	3	Analytical
17S82	CHIRALCEL OJ-3	50	3.0	3	Analytical
17S83	CHIRALCEL OJ-3	100	3.0	3	Analytical
17S84	CHIRALCEL OJ-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OJ-RH					
17711	CHIRALCEL OJ-RH	10	4	5	Guard Cartridges (x 3)
17724	CHIRALCEL OJ-RH	150	4.6	5	Analytical
17794	CHIRALCEL OJ-RH	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OJ-3R					
17811	CHIRALCEL OJ-3R	10	4	3	Guard Cartridges (x 3)
17822	CHIRALCEL OJ-3R	50	4.6	3	Analytical
17823	CHIRALCEL OJ-3R	100	4.6	3	Analytical
17824	CHIRALCEL OJ-3R	150	4.6	3	Analytical
17892	CHIRALCEL OJ-3R	50	2.1	3	Analytical
17893	CHIRALCEL OJ-3R	100	2.1	3	Analytical
17894	CHIRALCEL OJ-3R	150	2.1	3	Analytical
17895	CHIRALCEL OJ-3R	250	2.1	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OK					
18020	CHIRALCEL OK	-	Kg	20	CSP
18021	CHIRALCEL OK	-	100 g	20	CSP
18224	CHIRALCEL OK	150	4.6	20	Analytical
18225	CHIRALCEL OK	250	4.6	20	Analytical
18226	CHIRALCEL OK	300	4.6	20	Analytical
18022	CHIRALCEL OK	50	4.6	10	Guard
18025	CHIRALCEL OK	250	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OX					
63020	CHIRALCEL OX	-	1kg	20	Bulk CSP
63225	CHIRALCEL OX	250	4.6	20	Method Development
63233	CHIRALCEL OX	100	10	20	SMB (set of 8)
63235	CHIRALCEL OX	250	10	20	Semi-Prep
63242	CHIRALCEL OX	50	21	20	Semi-Prep Guard
63245	CHIRALCEL OX	250	21	20	Semi-Prep
63255	CHIRALCEL OX	250	50	20	Semi-Prep
63256	CHIRALCEL OX	500	50	20	Preparative
63266	CHIRALCEL OX	500	100	20	Preparative
63275	CHIRALCEL OX	250	30	20	Semi-Prep
63935	CHIRALCEL OX	250	10	20	SFC Semi-Prep
63945	CHIRALCEL OX	250	21	20	SFC Semi-Prep
63955	CHIRALCEL OX	250	50	20	SFC Semi-Prep
63975	CHIRALCEL OX	250	30	20	SFC Semi-Prep

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REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OX-H					
63311	CHIRALCEL OX-H	10	4	5	Guard Cartridges (x 3)
63321	CHIRALCEL OX-H	50	4.6	5	Analytical
63323	CHIRALCEL OX-H	100	4.6	5	Analytical
63324	CHIRALCEL OX-H	150	4.6	5	Analytical
63325	CHIRALCEL OX-H	250	4.6	5	Analytical
63335	CHIRALCEL OX-H	250	10	5	Semi-Prep
63337	CHIRALCEL OX-H	20	10	5	Guard Semi-Prep
63345	CHIRALCEL OX-H	250	20	5	Semi-Prep
63375	CHIRALCEL OX-H	250	30	5	Prep
63355	CHIRALCEL OX-H	250	50	5	Prep
63394	CHIRALCEL OX-H	150	2.1	5	Analytical
63423	CHIRALCEL OX-H SFC	100	4.6	5	Analytical
63435	CHIRALCEL OX-H SFC	250	10	5	Semi-Prep
63445	CHIRALCEL OX-H SFC	250	20	5	Semi-Prep
63475	CHIRALCEL OX-H SFC	250	30	5	Prep
63455	CHIRALCEL OX-H SFC	250	50	5	Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OX-3					
63511	CHIRALCEL OX-3	10	4	3	Guard Cartridges (x 3)
63522	CHIRALCEL OX-3	50	4.6	3	Analytical
63523	CHIRALCEL OX-3	100	4.6	3	Analytical
63524	CHIRALCEL OX-3	150	4.6	3	Analytical
63525	CHIRALCEL OX-3	250	4.6	3	Analytical
63592	CHIRALCEL OX-3	50	2.1	3	Analytical
63593	CHIRALCEL OX-3	100	2.1	3	Analytical
63594	CHIRALCEL OX-3	150	2.1	3	Analytical
63595	CHIRALCEL OX-3	250	2.1	3	Analytical
63S82	CHIRALCEL OX-3	50	3.0	3	Analytical
63S83	CHIRALCEL OX-3	100	3.0	3	Analytical
63S84	CHIRALCEL OX-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OX-RH					
63711	CHIRALCEL OX-RH	10	4.0	5	Guard Cartridges (x 3)
63724	CHIRALCEL OX-RH	150	4.6	5	Analytical
63794	CHIRALCEL OX-RH	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OX-3R					
63811	CHIRALCEL OX-3R	10	4	3	Guard Cartridges (x 3)
63822	CHIRALCEL OX-3R	50	4.6	3	Analytical
63823	CHIRALCEL OX-3R	100	4.6	3	Analytical
63824	CHIRALCEL OX-3R	150	4.6	3	Analytical
63892	CHIRALCEL OX-3R	50	2.1	3	Analytical
63893	CHIRALCEL OX-3R	100	2.1	3	Analytical
63894	CHIRALCEL OX-3R	150	2.1	3	Analytical
63895	CHIRALCEL OX-3R	250	2.1	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OZ (T405)					
42020	CHIRALCEL OZ	-	Kg	20	CSP
42021	CHIRALCEL OZ	-	100 g	20	CSP
42224	CHIRALCEL OZ	150	4.6	20	Analytical
42225	CHIRALCEL OZ	250	4.6	20	Analytical
42226	CHIRALCEL OZ	300	4.6	20	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OZ-H					
42311	CHIRALCEL OZ-H	10	4	5	Guard Cartridges (x 3)
42321	CHIRALCEL OZ-H	50	4.6	5	Analytical
42323	CHIRALCEL OZ-H	100	4.6	5	Analytical
42324	CHIRALCEL OZ-H	150	4.6	5	Analytical
42325	CHIRALCEL OZ-H	250	4.6	5	Analytical
42335	CHIRALCEL OZ-H	250	10	5	Semi-Prep
42337	CHIRALCEL OZ-H	20	10	5	Guard Semi-Prep
42345	CHIRALCEL OZ-H	250	20	5	Semi-Prep
42375	CHIRALCEL OZ-H	250	30	5	Prep
42355	CHIRALCEL OZ-H	250	50	5	Prep
42394	CHIRALCEL OZ-H	150	2.1	5	Analytical
42423	CHIRALCEL OZ-H SFC	100	4.6	5	Analytical
42435	CHIRALCEL OZ-H SFC	250	10	5	Semi-Prep
42445	CHIRALCEL OZ-H SFC	250	20	5	Semi-Prep
42475	CHIRALCEL OZ-H SFC	250	30	5	Prep
42455	CHIRALCEL OZ-H SFC	250	50	5	Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OZ-3					
42511	CHIRALCEL OZ-3	10	4	3	Guard Cartridges (x 3)
42522	CHIRALCEL OZ-3	50	4.6	3	Analytical
42523	CHIRALCEL OZ-3	100	4.6	3	Analytical
42524	CHIRALCEL OZ-3	150	4.6	3	Analytical
42525	CHIRALCEL OZ-3	250	4.6	3	Analytical
42592	CHIRALCEL OZ-3	50	2.1	3	Analytical
42593	CHIRALCEL OZ-3	100	2.1	3	Analytical
42594	CHIRALCEL OZ-3	150	2.1	3	Analytical
42595	CHIRALCEL OZ-3	250	2.1	3	Analytical
42S82	CHIRALCEL OZ-3	50	3.0	3	Analytical
42S83	CHIRALCEL OZ-3	100	3.0	3	Analytical
42S84	CHIRALCEL OZ-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OZ-RH					
42711	CHIRALCEL OZ-RH	10	4.0	5	Guard Cartridges (x 3)
42724	CHIRALCEL OZ-RH	150	4.6	5	Analytical
42794	CHIRALCEL OZ-RH	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OZ-3R					
42811	CHIRALCEL OZ-3R	10	4	3	Guard Cartridges (x 3)
42822	CHIRALCEL OZ-3R	50	4.6	3	Analytical
42823	CHIRALCEL OZ-3R	100	4.6	3	Analytical
42824	CHIRALCEL OZ-3R	150	4.6	3	Analytical
42892	CHIRALCEL OZ-3R	50	2.1	3	Analytical
42893	CHIRALCEL OZ-3R	100	2.1	3	Analytical
42894	CHIRALCEL OZ-3R	150	2.1	3	Analytical
42895	CHIRALCEL OZ-3R	250	2.1	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AD					
19020	CHIRALPAK AD	-	Kg	20	CSP
19021	CHIRALPAK AD	-	100 g	20	CSP
19224	CHIRALPAK AD	150	4.6	20	Analytical
19225	CHIRALPAK AD	250	4.6	20	Analytical
19226	CHIRALPAK AD	300	4.6	20	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
19256	CHIRALPAK AD	500	50	20	Prep
19266	CHIRALPAK AD	500	100	20	Prep
19023	CHIRALPAK AD	100	4.6	10	Analytical
19025	CHIRALPAK AD	250	4.6	10	Analytical
19032	CHIRALPAK AD	50	10	10	Guard Semi-Prep
19035	CHIRALPAK AD	250	10	10	Semi-Prep
19042	CHIRALPAK AD	50	20	10	Guard Semi-Prep
19045	CHIRALPAK AD	250	20	10	Semi-Prep
19094	CHIRALPAK AD	150	2.1	10	Analytical
19145	CHIRALPAK AD SFC	250	20	10	Semi-Prep

CHIRALPAK® AD-H

19311	CHIRALPAK AD-H	10	4	5	Guard Cartridges (x 3)
19321	CHIRALPAK AD-H	50	4.6	5	Analytical
19323	CHIRALPAK AD-H	100	4.6	5	Analytical
19324	CHIRALPAK AD-H	150	4.6	5	Analytical
19325	CHIRALPAK AD-H	250	4.6	5	Analytical
19335	CHIRALPAK AD-H	250	10	5	Semi-Prep
19337	CHIRALPAK AD-H	20	10	5	Guard Semi-Prep
19345	CHIRALPAK AD-H	250	20	5	Semi-Prep
19375	CHIRALPAK AD-H	250	30	5	Prep
19355	CHIRALPAK AD-H	250	50	5	Prep
19394	CHIRALPAK AD-H	150	2.1	5	Analytical
19423	CHIRALPAK AD-H SFC	100	4.6	5	Analytical
19435	CHIRALPAK AD-H SFC	250	10	5	Semi-Prep
19445	CHIRALPAK AD-H SFC	250	20	5	Semi-Prep
19475	CHIRALPAK AD-H SFC	250	30	5	Prep
19455	CHIRALPAK AD-H SFC	250	50	5	Prep

CHIRALPAK® AD-3

19511	CHIRALPAK AD-3	10	4	3	Guard Cartridges (x 3)
19522	CHIRALPAK AD-3	50	4.6	3	Analytical
19523	CHIRALPAK AD-3	100	4.6	3	Analytical
19524	CHIRALPAK AD-3	150	4.6	3	Analytical
19525	CHIRALPAK AD-3	250	4.6	3	Analytical
19592	CHIRALPAK AD-3	50	2.1	3	Analytical
19593	CHIRALPAK AD-3	100	2.1	3	Analytical
19594	CHIRALPAK AD-3	150	2.1	3	Analytical
19595	CHIRALPAK AD-3	250	2.1	3	Analytical
19S82	CHIRALPAK AD-3	50	3.0	3	Analytical
19S83	CHIRALPAK AD-3	100	3.0	3	Analytical
19S84	CHIRALPAK AD-3	150	3.0	3	Analytical

CHIRALPAK® AD-RH

19711	CHIRALPAK AD-RH	10	4	5	Guard Cartridges (x 3)
19724	CHIRALPAK AD-RH	150	4.6	5	Analytical
19794	CHIRALPAK AD-RH	150	2.1	5	Analytical

CHIRALPAK® AD-3R

19811	CHIRALPAK AD-3R	10	4	3	Guard Cartridges (x 3)
19822	CHIRALPAK AD-3R	50	4.6	3	Analytical
19823	CHIRALPAK AD-3R	100	4.6	3	Analytical
19824	CHIRALPAK AD-3R	150	4.6	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
19892	CHIRALPAK AD-3R	50	2.1	3	Analytical
19893	CHIRALPAK AD-3R	100	2.1	3	Analytical
19894	CHIRALPAK AD-3R	150	2.1	3	Analytical
19895	CHIRALPAK AD-3R	250	2.1	3	Analytical

CHIRALPAK® AS-V

20020	CHIRALPAK AS-V	-	Kg	20	CSP
20021	CHIRALPAK AS-V	-	100 g	20	CSP
20224	CHIRALPAK AS-V	150	4.6	20	Analytical
20225	CHIRALPAK AS-V	250	4.6	20	Analytical
20226	CHIRALPAK AS-V	300	4.6	20	Analytical
20256	CHIRALPAK AS-V	500	50	20	Prep
20266	CHIRALPAK AS-V	500	100	20	Prep

CHIRALPAK® AS

20025	CHIRALPAK AS	250	4.6	10	Analytical
20032	CHIRALPAK AS	50	10	10	Guard Semi-Prep
20035	CHIRALPAK AS	250	10	10	Semi-Prep
20042	CHIRALPAK AS	50	20	10	Guard Semi-Prep
20045	CHIRALPAK AS	250	20	10	Semi-Prep
20094	CHIRALPAK AS	150	2.1	10	Analytical
20145	CHIRALPAK AS SFC	250	20	10	Semi-Prep

CHIRALPAK® AS-H

20311	CHIRALPAK AS-H	10	4	5	Guard Cartridges (x 3)
20321	CHIRALPAK AS-H	50	4.6	5	Analytical
20323	CHIRALPAK AS-H	100	4.6	5	Analytical
20324	CHIRALPAK AS-H	150	4.6	5	Analytical
20325	CHIRALPAK AS-H	250	4.6	5	Analytical
20335	CHIRALPAK AS-H	250	10	5	Semi-Prep
20337	CHIRALPAK AS-H	20	10	5	Guard Semi-Prep
20345	CHIRALPAK AS-H	250	20	5	Semi-Prep
20375	CHIRALPAK AS-H	250	30	5	Prep
20355	CHIRALPAK AS-H	250	50	5	Prep
20394	CHIRALPAK AS-H	150	2.1	5	Analytical
20423	CHIRALPAK AS-H SFC	100	4.6	5	Analytical
20435	CHIRALPAK AS-H SFC	250	10	5	Semi-Prep
20445	CHIRALPAK AS-H SFC	250	20	5	Semi-Prep
20475	CHIRALPAK AS-H SFC	250	30	5	Prep
20455	CHIRALPAK AS-H SFC	250	50	5	Prep

CHIRALPAK® AS-3

20511	CHIRALPAK AS-3	10	4	3	Guard Cartridges (x 3)
20522	CHIRALPAK AS-3	50	4.6	3	Analytical
20523	CHIRALPAK AS-3	100	4.6	3	Analytical
20524	CHIRALPAK AS-3	150	4.6	3	Analytical
20525	CHIRALPAK AS-3	250	4.6	3	Analytical
20592	CHIRALPAK AS-3	50	2.1	3	Analytical
20593	CHIRALPAK AS-3	100	2.1	3	Analytical
20594	CHIRALPAK AS-3	150	2.1	3	Analytical
20595	CHIRALPAK AS-3	250	2.1	3	Analytical
20S82	CHIRALPAK AS-3	50	3.0	3	Analytical
20S83	CHIRALPAK AS-3	100	3.0	3	Analytical
20S84	CHIRALPAK AS-3	150	3.0	3	Analytical

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REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AS-RH					
20711	CHIRALPAK AS-RH	10	4	5	Guard Cartridges (x 3)
20724	CHIRALPAK AS-RH	150	4.6	5	Analytical
20794	CHIRALPAK AS-RH	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AS-3R					
20811	CHIRALPAK AS-3R	10	4	3	Guard Cartridges (x 3)
20822	CHIRALPAK AS-3R	50	4.6	3	Analytical
20823	CHIRALPAK AS-3R	100	4.6	3	Analytical
20824	CHIRALPAK AS-3R	150	4.6	3	Analytical
20892	CHIRALPAK AS-3R	50	2.1	3	Analytical
20893	CHIRALPAK AS-3R	100	2.1	3	Analytical
20894	CHIRALPAK AS-3R	150	2.1	3	Analytical
20895	CHIRALPAK AS-3R	250	2.1	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AY (T304)					
47020	CHIRALPAK AY	-	Kg	20	CSP
47021	CHIRALPAK AY	-	100 g	20	CSP
47224	CHIRALPAK AY	150	4.6	20	Analytical
47225	CHIRALPAK AY	250	4.6	20	Analytical
47226	CHIRALPAK AY	300	4.6	20	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AY-H					
47311	CHIRALPAK AY-H	10	4	5	Guard Cartridges (x 3)
47321	CHIRALPAK AY-H	50	4.6	5	Analytical
47323	CHIRALPAK AY-H	100	4.6	5	Analytical
47324	CHIRALPAK AY-H	150	4.6	5	Analytical
47325	CHIRALPAK AY-H	250	4.6	5	Analytical
47335	CHIRALPAK AY-H	250	10	5	Semi-Prep
47337	CHIRALPAK AY-H	20	10	5	Guard Semi-Prep
47345	CHIRALPAK AY-H	250	20	5	Semi-Prep
47375	CHIRALPAK AY-H	250	30	5	Prep
47355	CHIRALPAK AY-H	250	50	5	Prep
47394	CHIRALPAK AY-H	150	2.1	5	Analytical
47423	CHIRALPAK AY-H SFC	100	4.6	5	Analytical
47435	CHIRALPAK AY-H SFC	250	10	5	Semi-Prep
47445	CHIRALPAK AY-H SFC	250	20	5	Semi-Prep
47475	CHIRALPAK AY-H SFC	250	30	5	Prep
47455	CHIRALPAK AY-H SFC	250	50	5	Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AY-3					
47511	CHIRALPAK AY-3	10	4	3	Guard Cartridges (x 3)
47522	CHIRALPAK AY-3	50	4.6	3	Analytical
47523	CHIRALPAK AY-3	100	4.6	3	Analytical
47524	CHIRALPAK AY-3	150	4.6	3	Analytical
47525	CHIRALPAK AY-3	250	4.6	3	Analytical
47592	CHIRALPAK AY-3	50	2.1	3	Analytical
47593	CHIRALPAK AY-3	100	2.1	3	Analytical
47594	CHIRALPAK AY-3	150	2.1	3	Analytical
47595	CHIRALPAK AY-3	250	2.1	3	Analytical
47S82	CHIRALPAK AY-3	50	3.0	3	Analytical
47S83	CHIRALPAK AY-3	100	3.0	3	Analytical
47S84	CHIRALPAK AY-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AY-RH					
47711	CHIRALPAK AY-RH	10	4	5	Guard Cartridges (x 3)
47724	CHIRALPAK AY-RH	150	4.6	5	Analytical
47794	CHIRALPAK AY-RH	150	2.1	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AY-3R					
47811	CHIRALPAK AY-3R	10	4	3	Guard Cartridges (x 3)
47822	CHIRALPAK AY-3R	50	4.6	3	Analytical
47823	CHIRALPAK AY-3R	100	4.6	3	Analytical
47824	CHIRALPAK AY-3R	150	4.6	3	Analytical
47892	CHIRALPAK AY-3R	50	2.1	3	Analytical
47893	CHIRALPAK AY-3R	100	2.1	3	Analytical
47894	CHIRALPAK AY-3R	150	2.1	3	Analytical
47895	CHIRALPAK AY-3R	250	2.1	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AZ (50801)					
61020	CHIRALPAK AZ	-	Kg	20	CSP
61021	CHIRALPAK AZ	-	100 g	20	CSP
61224	CHIRALPAK AZ	150	4.6	20	Analytical
61225	CHIRALPAK AZ	250	4.6	20	Analytical
61226	CHIRALPAK AZ	300	4.6	20	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AZ-H					
61311	CHIRALPAK AZ-H	10	4	5	Guard Cartridges (x 3)
61321	CHIRALPAK AZ-H	50	4.6	5	Analytical
61323	CHIRALPAK AZ-H	100	4.6	5	Analytical
61324	CHIRALPAK AZ-H	150	4.6	5	Analytical
61325	CHIRALPAK AZ-H	250	4.6	5	Analytical
61335	CHIRALPAK AZ-H	250	10	5	Semi-Prep
61337	CHIRALPAK AZ-H	20	10	5	Guard Semi-Prep
61345	CHIRALPAK AZ-H	250	20	5	Semi-Prep
61375	CHIRALPAK AZ-H	250	30	5	Prep
61355	CHIRALPAK AZ-H	250	50	5	Prep
61394	CHIRALPAK AZ-H	150	2.1	5	Analytical
61423	CHIRALPAK AZ-H SFC	100	4.6	5	Analytical
61435	CHIRALPAK AZ-H SFC	250	10	5	Semi-Prep
61445	CHIRALPAK AZ-H SFC	250	20	5	Semi-Prep
61475	CHIRALPAK AZ-H SFC	250	30	5	Prep
61455	CHIRALPAK AZ-H SFC	250	50	5	Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AZ-3					
61511	CHIRALPAK AZ-3	10	4	3	Guard Cartridges (x 3)
61522	CHIRALPAK AZ-3	50	4.6	3	Analytical
61523	CHIRALPAK AZ-3	100	4.6	3	Analytical
61524	CHIRALPAK AZ-3	150	4.6	3	Analytical
61525	CHIRALPAK AZ-3	250	4.6	3	Analytical
61592	CHIRALPAK AZ-3	50	2.1	3	Analytical
61593	CHIRALPAK AZ-3	100	2.1	3	Analytical
61594	CHIRALPAK AZ-3	150	2.1	3	Analytical
61595	CHIRALPAK AZ-3	250	2.1	3	Analytical
61S82	CHIRALPAK AZ-3	50	3.0	3	Analytical
61S83	CHIRALPAK AZ-3	100	3.0	3	Analytical
61S84	CHIRALPAK AZ-3	150	3.0	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® AZ-RH					
61711	CHIRALPAK AZ-RH	10	4	5	Guard Cartridges (x 3)
61724	CHIRALPAK AZ-RH	150	4.6	5	Analytical
61794	CHIRALPAK AZ-RH	150	2.1	5	Analytical

CHIRALPAK® AZ-3R

61811	CHIRALPAK AZ-3R	10	4	3	Guard Cartridges (x 3)
61822	CHIRALPAK AZ-3R	50	4.6	3	Analytical
61823	CHIRALPAK AZ-3R	100	4.6	3	Analytical
61824	CHIRALPAK AZ-3R	150	4.6	3	Analytical
61892	CHIRALPAK AZ-3R	50	2.1	3	Analytical
61893	CHIRALPAK AZ-3R	100	2.1	3	Analytical
61894	CHIRALPAK AZ-3R	150	2.1	3	Analytical
61895	CHIRALPAK AZ-3R	250	2.1	3	Analytical

MPLC COLUMNS – METHOD DEVELOPMENT

80223	CHIRALPAK IA	100	4.6	20	Method Development
83223	CHIRALPAK IC	100	4.6	20	Method Development
84223	CHIRALPAK ID	100	4.6	20	Method Development
85223	CHIRALPAK IE	100	4.6	20	Method Development
86223	CHIRALPAK IF	100	4.6	20	Method Development

MPLC COLUMNS**CHIRALFLASH**

80M73	CHIRALFLASH IA	100	30	20	Prep
83M73	CHIRALFLASH IC	100	30	20	Prep
84M73	CHIRALFLASH ID	100	30	20	Prep
85M73	CHIRALFLASH IE	100	30	20	Prep
86M73	CHIRALFLASH IF	100	30	20	Prep

CHIRAL TLC PLATES**2L-ChiralTLC**

5ST5A	2L-ChiralTLC (5/pkg-1 each)	100	200	20	Method Development
80T2A	2L-ChiralTLC IA (2/pkg)	100	200	20	Method Development
83T2A	2L-ChiralTLC IC (2/pkg)	100	200	20	Method Development
84T2A	2L-ChiralTLC ID (2/pkg)	100	200	20	Method Development
85T2A	2L-ChiralTLC IE (2/pkg)	100	200	20	Method Development
86T2A	2L-ChiralTLC IF (2/pkg)	100	200	20	Method Development

IMMOBILISED PROTEIN-BASED COLUMNS**CHIRALPAK® AGP**

30713	CHIRALPAK AGP	100	4	5	Analytical
30714	CHIRALPAK AGP	150	4	5	Analytical
30712	CHIRALPAK AGP	50	4	5	Analytical
30783	CHIRALPAK AGP	100	3	5	Analytical
30784	CHIRALPAK AGP	150	3	5	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
30782	CHIRALPAK AGP	50	3	5	Analytical
30793	CHIRALPAK AGP	100	2	5	Analytical
30794	CHIRALPAK AGP	150	2	5	Analytical
30792	CHIRALPAK AGP	50	2	5	Analytical
30733	CHIRALPAK AGP	100	10	5	Semi-Prep
30734	CHIRALPAK AGP	150	10	5	Semi-Prep
30781	CHIRALPAK AGP (2/pkg)	10	3	5	Guard
30791	CHIRALPAK AGP (2/pkg)	10	2	5	Guard
30711	CHIRALPAK AGP (2/pkg)	10	4	5	Guard

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
33791	CHIRALPAK CBH (2/pkg)	10	2	5	Guard
33711	CHIRALPAK CBH (2/pkg)	10	4	5	Guard

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
34791	CHIRALPAK HSA (2/pkg)	10	2	5	Guard
34711	CHIRALPAK HSA (2/pkg)	10	4	5	Guard

CHIRALPAK® BSA

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

2014 Product List

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALPAK® DSA					
36711	CHIRALPAK DSA	10	4	5	Cartridges (x 2)
36712	CHIRALPAK DSA	50	4	5	Analytical
36714	CHIRALPAK DSA	150	4	5	Analytical
36781	CHIRALPAK DSA	10	3	5	Cartridges (x 2)
36782	CHIRALPAK DSA	50	3	5	Analytical
36791	CHIRALPAK DSA	10	2	5	Cartridges (x 2)
36792	CHIRALPAK DSA	50	2	5	Analytical

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

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

CHIRALPAK® BIOTRAP 500 MS					
39H11	CHIRALPAK Biotrap 500 MS	13	4	5	Complete Kit/Holder
39C11	CHIRALPAK Biotrap 500 MS	13	4	5	Cartridges (x 2)
39H17	CHIRALPAK Biotrap 500 MS	20	4	5	Complete Kit/Holder
39C17	CHIRALPAK Biotrap 500 MS	20	4	5	Cartridges (x 2)

PROTEIN-BASED COLUMN ACCESSORIES

00081	GUARD CARTRIDGE HOLDER(*)				Holder for guard cartridge
000D1	GUARD COLUMN COUPLER				Coupler
000D2	GUARD COLUMN COUPLER MICRO				Coupler

(*) for AGP, CBH & HSA guard cartridges

CHIRAL SELECTORS FOR SPECIAL APPLICATIONS

CROWNPAK® CR (+) & (-)

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

CROWNPAK® CR-I (+) & (-)

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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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
52515	CHIRALPAK ZWIX(-)	250	4	3	Analytical
52584	CHIRALPAK ZWIX(-)	150	3	3	Analytical
52585	CHIRALPAK ZWIX(-)	250	3	3	Analytical

CHIRALPAK® QD-AX & QN-AX

31311	CHIRALPAK QD-AX	10	4	5	Guard Cartridges (x 3)
31324	CHIRALPAK QD-AX	150	4.6	5	Analytical
31394	CHIRALPAK QD-AX	150	2.1	5	Analytical
31344	CHIRALPAK QD-AX	150	20	5	Semi-prep
31444	CHIRALPAK QD-AX SFC	150	20	5	Semi-prep
32311	CHIRALPAK QN-AX	10	4	5	Guard Cartridges (x 3)
32324	CHIRALPAK QN-AX	150	4.6	5	Analytical
32394	CHIRALPAK QN-AX	150	2.1	5	Analytical
32344	CHIRALPAK QN-AX	150	20	5	Semi-prep
32444	CHIRALPAK QN-AX-SFC	150	20	5	Semi-prep

CHIRALPAK® MA(+)

21822	CHIRALPAK MA(+)	50	4.6	3	Analytical
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CHIRALPAK® WH

25622	CHIRALPAK WH	50	4.6	10	Guard
25625	CHIRALPAK WH	250	4.6	10	Analytical

CHIRALPAK® T101

40020	CHIRALPAK T101	-	Kg	20	CSP
40021	CHIRALPAK T101	-	100 g	20	CSP
40224	CHIRALPAK T101	150	4.6	20	Analytical
40225	CHIRALPAK T101	250	4.6	20	Analytical
40226	CHIRALPAK T101	300	4.6	20	Analytical
40256	CHIRALPAK T101	500	50	20	Prep
40266	CHIRALPAK T101	500	100	20	Prep

COLUMN ACCESSORIES

00011	GUARD CARTRIDGE HOLDER(*)				Holder for guard cartridge
00024	Column Jacket	150	4.6	-	Hardware
00025	Column Jacket	250	4.6	-	Hardware
000D1-DAIC	Guard Column Coupler				Hardware
FK002	Guard Filter	2	2	-	Guard Filter Kit
FR002	Filter Replacement	2	2	-	Replacement Guard Filters

* for all guard cartridges



move easily
move reliably
move quickly

move ahead



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