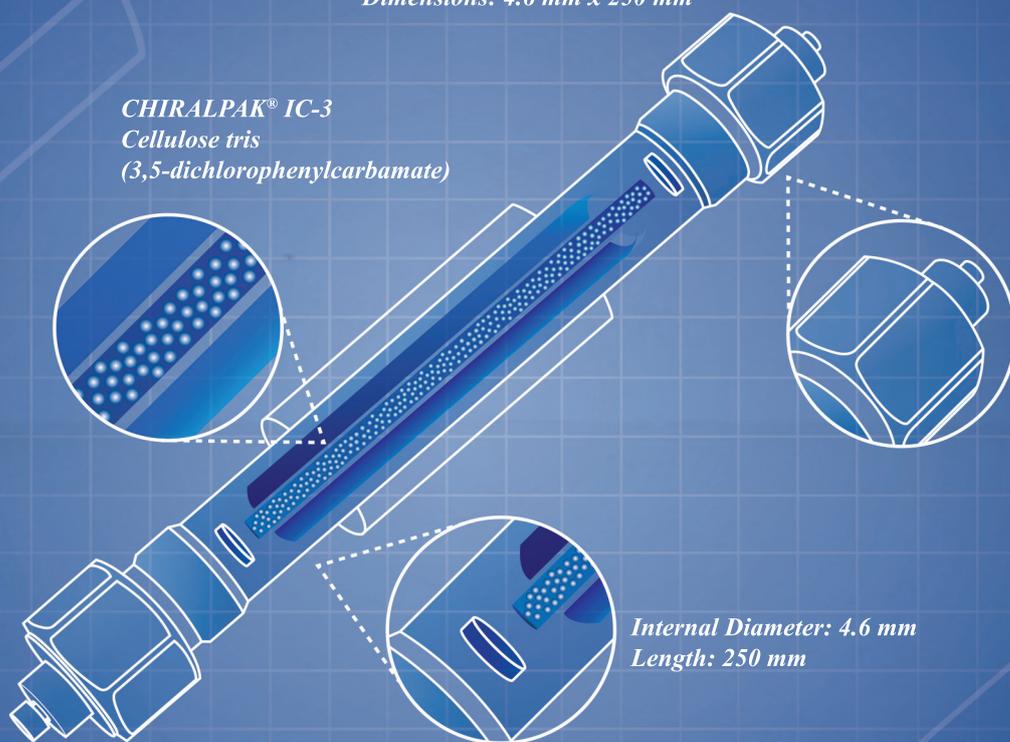


PRODUCT LIST 2016

Columns and Accessories

Part No. 83525
Particle Size: 3 μ m
Dimensions: 4.6 mm x 250 mm

CHIRALPAK® IC-3
Cellulose tris
(3,5-dichlorophenylcarbamate)



Internal Diameter: 4.6 mm
Length: 250 mm



CHIRAL
TECHNOLOGIES EUROPE
DAICEL GROUP

2016 Product List

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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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
80010	CHIRALPAK® IA	-	Kg	10	CSP
80024	CHIRALPAK® IA	150	4.6	10	Analytical
80025	CHIRALPAK® IA	250	4.6	10	Analytical
80135	CHIRALPAK® IA SFC	250	10	10	Semi-Prep
80145	CHIRALPAK® IA SFC	250	20	10	Semi-Prep
80175	CHIRALPAK® IA SFC	250	30	10	Semi-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
80455	CHIRALPAK® IA SFC	250	50	5	Prep
80475	CHIRALPAK® IA SFC	250	30	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 SFC	50	3	3	Analytical
80S83	CHIRALPAK® IA-3 SFC	100	3	3	Analytical
80S84	CHIRALPAK® IA-3 SFC	150	3	3	Analytical

CHIRALPAK® IB

81024	CHIRALPAK® IB	150	4.6	10	Analytical
81025	CHIRALPAK® IB	250	4.6	10	Analytical
81135	CHIRALPAK® IB SFC	250	10	10	Semi-Prep

81145	CHIRALPAK® IB SFC	250	20	10	Semi-Prep
81175	CHIRALPAK® IB SFC	250	30	10	Semi-Prep
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
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
81455	CHIRALPAK® IB SFC	250	50	5	Prep
81475	CHIRALPAK® IB SFC	250	30	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 SFC	50	3	3	Analytical
81S83	CHIRALPAK® IB-3 SFC	100	3	3	Analytical
81S84	CHIRALPAK® IB-3 SFC	150	3	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
83010	CHIRALPAK® IC	-	Kg	10	CSP
83024	CHIRALPAK® IC	150	4.6	10	Analytical

*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
83025	CHIRALPAK® IC	250	4.6	10	Analytical
83135	CHIRALPAK® IC SFC	250	10	10	Semi-Prep
83145	CHIRALPAK® IC SFC	250	20	10	Semi-Prep
83175	CHIRALPAK® IC SFC	250	30	10	Semi-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
83455	CHIRALPAK® IC SFC	250	50	5	Prep
83475	CHIRALPAK® IC SFC	250	30	5	Prep

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
80S82	CHIRALPAK® IC-3 SFC	50	3	3	Analytical
83S83	CHIRALPAK® IC-3 SFC	100	3	3	Analytical
83S84	CHIRALPAK® IC-3 SFC	150	3	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
84010	CHIRALPAK® ID	-	Kg	10	CSP
84024	CHIRALPAK® ID	150	4.6	10	Analytical
84025	CHIRALPAK® ID	250	4.6	10	Analytical
84135	CHIRALPAK® ID SFC	250	10	10	Semi-Prep
84145	CHIRALPAK® ID SFC	250	20	10	Semi-Prep
84175	CHIRALPAK® ID SFC	250	30	10	Semi-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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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
84455	CHIRALPAK® ID SFC	250	50	5	Prep
84475	CHIRALPAK® ID SFC	250	30	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 SFC	50	3	3	Analytical
84S83	CHIRALPAK® ID-3 SFC	100	3	3	Analytical
84S84	CHIRALPAK® ID-3 SFC	150	3	3	Analytical

CHIRALPAK® IE

85020	CHIRALPAK® IE	-	Kg	20	CSP
85021	CHIRALPAK® IE	-	100 g	20	CSP
85224	CHIRALPAK® IE	150	4.6	20	Analytical
85225	CHIRALPAK® IE	250	4.6	20	Analytical
85226	CHIRALPAK® IE	300	4.6	20	Analytical
85256	CHIRALPAK® IE	500	50	20	Prep
85266	CHIRALPAK® IE	500	100	20	Prep
85010	CHIRALPAK® IE	-	Kg	10	CSP
85024	CHIRALPAK® IE	150	4.6	10	Analytical
85025	CHIRALPAK® IE	250	4.6	10	Analytical
85135	CHIRALPAK® IE SFC	250	10	10	Semi-Prep
85145	CHIRALPAK® IE SFC	250	20	10	Semi-Prep
85175	CHIRALPAK® IE SFC	250	30	10	Semi-Prep
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

2016 Product List

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (μ)	TYPE
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
85455	CHIRALPAK® IE SFC	250	50	5	Prep
85475	CHIRALPAK® IE SFC	250	30	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 SFC	50	3	3	Analytical
85S83	CHIRALPAK® IE-3 SFC	100	3	3	Analytical
85S84	CHIRALPAK® IE-3 SFC	150	3	3	Analytical

CHIRALPAK® IF

86020	CHIRALPAK® IF	-	Kg	20	CSP
86021	CHIRALPAK® IF	-	100 g	20	CSP
86224	CHIRALPAK® IF	150	4.6	20	Analytical
86225	CHIRALPAK® IF	250	4.6	20	Analytical
86226	CHIRALPAK® IF	300	4.6	20	Analytical
86256	CHIRALPAK® IF	500	50	20	Prep
86266	CHIRALPAK® IF	500	100	20	Prep
86010	CHIRALPAK® IF	-	Kg	10	CSP
86024	CHIRALPAK® IF	150	4.6	10	Analytical
86025	CHIRALPAK® IF	250	4.6	10	Analytical
86135	CHIRALPAK® IF SFC	250	10	10	Semi-Prep
86145	CHIRALPAK® IF SFC	250	20	10	Semi-Prep
86175	CHIRALPAK® IF SFC	250	30	10	Semi-Prep
86311	CHIRALPAK® IF	10	4	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
86455	CHIRALPAK® IF SFC	250	50	5	Prep
86475	CHIRALPAK® IF SFC	250	30	5	Prep

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 SFC	50	3	3	Analytical
86S83	CHIRALPAK® IF-3 SFC	100	3	3	Analytical
86S84	CHIRALPAK® IF-3 SFC	150	3	3	Analytical

CHIRALPAK® IG

87324	CHIRALPAK® IG	150	4.6	5	Analytical
87325	CHIRALPAK® IG	250	4.6	5	Analytical

COATED POLYSACCHARIDE CSPs AND COLUMNS

CHIRALCEL® OA

11022	CHIRALCEL® OA	50	4.6	10	Guard
11025	CHIRALCEL® OA	250	4.6	10	Analytical

CHIRALCEL® OB

12022	CHIRALCEL® OB	50	4.6	10	Guard
12025	CHIRALCEL® OB	250	4.6	10	Analytical

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

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

CHIRALCEL® OC-H

13325	CHIRALCEL® OC-H	250	4.6	5	Analytical
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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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
14256	CHIRALCEL® OD	500	50	20	Prep
14266	CHIRALCEL® OD	500	100	20	Prep
14010	CHIRALCEL® OD	-	Kg	10	CSP
14024	CHIRALCEL® OD	150	4.6	10	Analytical
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
14135	CHIRALCEL® OD SFC	250	10	10	Semi-Prep
14145	CHIRALCEL® OD SFC	250	20	10	Semi-Prep
14175	CHIRALCEL® OD SFC	250	30	10	Semi-Prep

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
14455	CHIRALCEL® OD-H SFC	250	50	5	Prep
14475	CHIRALCEL® OD-H SFC	250	30	5	Prep

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 SFC	50	3	3	Analytical
14S83	CHIRALCEL® OD-3 SFC	100	3	3	Analytical
14S84	CHIRALCEL® OD-3 SFC	150	3	3	Analytical

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

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

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

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

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
17010	CHIRALCEL® OJ	-	Kg	10	CSP
17024	CHIRALCEL® OJ	150	4.6	10	Analytical
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
17135	CHIRALCEL® OJ SFC	250	10	10	Semi-Prep
17145	CHIRALCEL® OJ SFC	250	20	10	Semi-Prep
17175	CHIRALCEL® OJ SFC	250	30	10	Semi-Prep

2016 Product List

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
17455	CHIRALCEL® OJ-H SFC	250	50	5	Prep
17475	CHIRALCEL® OJ-H SFC	250	30	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 SFC	50	3	3	Analytical
17S83	CHIRALCEL® OJ-3 SFC	100	3	3	Analytical
17S84	CHIRALCEL® OJ-3 SFC	150	3	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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (μ)	TYPE
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	-	Kg	20	CSP
63021	CHIRALCEL® OX	-	100 g	20	CSP
63224	CHIRALCEL® OZ	150	4.6	20	Analytical
63225	CHIRALCEL® OZ	250	4.6	20	Analytical
62226	CHIRALCEL® OZ	300	4.6	20	Analytical
63010	CHIRALCEL® OZ	-	1 Kg	10	CSP
63024	CHIRALCEL® OX	150	4.6	10	Analytical
63025	CHIRALCEL® OX	250	4.6	10	Analytical
63135	CHIRALCEL® OX SFC	250	10	10	Semi-Prep
63145	CHIRALCEL® OX SFC	250	20	10	Semi-Prep
63175	CHIRALCEL® OX SFC	250	30	10	Semi-Prep

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 SFC	50	3	3	Analytical
63S83	CHIRALCEL® OX-3 SFC	100	3	3	Analytical
63S84	CHIRALCEL® OX-3 SFC	150	3	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OX-RH					
63711	CHIRALCEL® OX-RH	10	4	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
42010	CHIRALCEL® OZ	-	Kg	10	CSP
42024	CHIRALCEL® OZ	150	4.6	10	Analytical
42025	CHIRALCEL® OZ	250	4.6	10	Analytical
42135	CHIRALCEL® OZ SFC	250	10	10	Semi-Prep
42145	CHIRALCEL® OZ SFC	250	20	10	Semi-Prep
42175	CHIRALCEL® OZ SFC	250	30	10	Semi-Prep

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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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 SFC	50	3	3	Analytical
42S83	CHIRALCEL® OZ-3 SFC	100	3	3	Analytical
42S84	CHIRALCEL® OZ-3 SFC	150	3	3	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
CHIRALCEL® OZ-RH					
42711	CHIRALCEL® OZ-RH	10	4	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
19256	CHIRALPAK® AD	500	50	20	Prep
19266	CHIRALPAK® AD	500	100	20	Prep
19010	CHIRALPAK® AD	-	Kg	10	CSP
19023	CHIRALPAK® AD	100	4.6	10	Analytical
19024	CHIRALPAK® AD	150	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
19135	CHIRALPAK® AD SFC	250	10	10	Semi-Prep
19145	CHIRALPAK® AD SFC	250	20	10	Semi-Prep
19175	CHIRALPAK® AD SFC	250	30	10	Semi-Prep

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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

2016 Product List

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (μ)	TYPE
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 SFC	50	3	3	Analytical
19S83	CHIRALPAK® AD-3 SFC	100	3	3	Analytical
19S84	CHIRALPAK® AD-3 SFC	150	3	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
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

20010	CHIRALPAK® AS	-	Kg	10	CSP
20024	CHIRALPAK® AS	150	4.6	10	Analytical

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (μ)	TYPE
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
20135	CHIRALPAK® AS SFC	250	10	10	Semi-Prep
20145	CHIRALPAK® AS SFC	250	20	10	Semi-Prep
20175	CHIRALPAK® AS SFC	250	30	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 SFC	50	3	3	Analytical
20S83	CHIRALPAK® AS-3 SFC	100	3	3	Analytical
20S84	CHIRALPAK® AS-3 SFC	150	3	3	Analytical

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

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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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

CHIRALPAK® AY (T304)

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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
47010	CHIRALPAK® AY	-	Kg	10	CSP
47024	CHIRALPAK® AY	150	4.6	10	Analytical
47025	CHIRALPAK® AY	250	4.6	10	Analytical
47135	CHIRALPAK® AY SFC	250	10	10	Semi-Prep
47145	CHIRALPAK® AY SFC	250	20	10	Semi-Prep
47175	CHIRALPAK® AY SFC	250	30	10	Semi-Prep

CHIRALPAK® AY-H

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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
47455	CHIRALPAK® AY-H SFC	250	50	5	Prep
47475	CHIRALPAK® AY-H SFC	250	30	5	Prep

CHIRALPAK® AY-3

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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
47594	CHIRALPAK® AY-3	250	2.1	3	Analytical
47S82	CHIRALPAK® AY-3 SFC	50	3	3	Analytical
47S83	CHIRALPAK® AY-3 SFC	100	3	3	Analytical
47S84	CHIRALPAK® AY-3 SFC	150	3	3	Analytical

CHIRALPAK® AY-RH

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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

CHIRALPAK® AZ (50801)

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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
61010	CHIRALPAK® AZ	-	Kg	10	CSP
61024	CHIRALPAK® AZ	150	4.6	10	Analytical
61025	CHIRALPAK® AZ	250	4.6	10	Analytical
61135	CHIRALPAK® AZ SFC	250	10	10	Semi-Prep
61145	CHIRALPAK® AZ SFC	250	20	10	Semi-Prep
61175	CHIRALPAK® AZ SFC	250	30	10	Semi-Prep

CHIRALPAK® AZ-H

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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

CHIRALPAK® AZ-3

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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 SFC	50	3	3	Analytical

2016 Product List

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
61S83	CHIRALPAK® AZ-3 SFC	100	3	3	Analytical
61S84	CHIRALPAK® AZ-3 SFC	150	3	3	Analytical

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

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

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
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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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 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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
36781	CHIRALPAK® DSA	10	3	5	Guard Cartridges (x 2)
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)

CHIRALPAK® BIOTRAP

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

REFERENCE	PHASE	LENGTH (mm)	ID (mm)	PARTICLE SIZE (µ)	TYPE
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 cartridges
00024	Column Jacket	150	4.6	-	Hardware
00025	Column Jacket	250	4.6	-	Hardware
000D1-DAIC	Guard Column Coupler	-	-	-	Hardware
FK002	Guard Filter Kit (1 holder, 3 glass filters, 2 fittings and 1 tubing)	-	-	-	Guard Filter
FR002	Replacement Guard Filters (x 6)	-	-	-	Guard Filters

†For all guard cartridges



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