

# Spe-ed FLASH



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## Disposable Columns for Flash Chromatography

*Spe-ed*<sup>TM</sup> Flash columns have been designed and manufactured to meet the critical needs of researchers who are using automated organic purification instruments.

***Buy your Flash columns from  
a company that actually  
manufactures the packings***



Get consistent results because there's uniformity from batch to batch.



Uniform and fast flow for excellent separations, because there's narrow particle size distribution



No samples are lost due to pressure problems, because there's 100% inspection.



Every cartridge is tested for leaks at 100 psi



A wide range of column configurations to fit most popular instruments - even your custom configuration

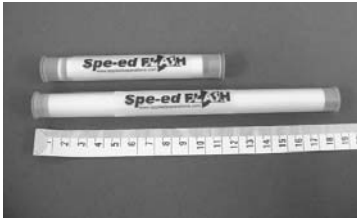


Fast Delivery • Economical Pricing



Large Selection of Packings

- Silica • Octadecyl • Octyl • Phenyl • Cyclohexyl • Butyl • Ethyl •
- Methyl • Cyanopropyl • Cyanopropyl (unendcapped) • Florisil •
- Alumina (neutral, acidic or basic) • Diol • Carboxylic Acid •
- Benzenesulfonic Acid • Aminopropyl • Primary/Secondary Amine •
- Diethylamino • Quaternary Amino • *also* a wide range of polymeric packings, e.g. functionalized styrene divinyl benzene •



# Spe-ed FLASH 12

## **Silica Gel** 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12347	Spe-ed Flash SiD12S	FKO-1107-15026	20
#12348	Spe-ed Flash SiD12M	FKO-1107-15046	20
#12349	Spe-ed Flash SiD12S	FKO-1107-15028	100
#12350	Spe-ed Flash SiD12M	FKO-1107-15048	100

## **C18/18%** endcapped Octadecyl, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12353	Spe-ed Flash C18/18D12S	FLO-1118-15025	2
#12354	Spe-ed Flash C18/18D12M	FLO-1118-15045	2

## **C4** Butyl, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12357	Spe-ed Flash C4-TriD12S	None available	2
#12358	Spe-ed Flash C4-TriD12M	None available	2

## **SCX**, Strong cationic exchanger, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12361	Spe-ed Flash SCXD12S	None available	2
#12362	Spe-ed Flash SCXD12M	None available	2

## **SAX** Strong anionic exchanger, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12364	Spe-ed Flash SAXD12S	None available	2
#12365	Spe-ed Flash SAXD12M	None available	2

## **Alumina**, Neutral alumina, 50-200µm, 60Å, 150m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12394	Spe-ed Flash ALND12S	None available	2
#12395	Spe-ed Flash ALND12M	None available	2



# Spe-ed FLASH 40

## Silica Gel 32-63 $\mu$ m, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12301	Spe-ed Flash SiD40S	FKO-1107-17024	12
#12302	Spe-ed Flash SiD40S	FKO-1107-17028	144
#12303	Spe-ed Flash SiD40M	FKO-1107-17044	12
#12304	Spe-ed Flash SiD40M	FKO-1107-17048	144
#12305	Spe-ed Flash SiD40L	FKO-1107-17174	12
#12306	Spe-ed Flash SiD40L	None available	144
#12307	Spe-ed Flash SiD40XL	None available	12
#12308	Spe-ed Flash SiD40XL	None available	144

## C18/18% endcapped, 32-63 $\mu$ m, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12309	Spe-ed Flash C18/18D40S	FLO-1118-17020	1
#12310	Spe-ed Flash C18/18D40S	None available	12
#12311	Spe-ed Flash C18/18D40M	FLO-1118-17040	1
#12312	Spe-ed Flash C18/18D40M	None available	12
#12313	Spe-ed Flash C18/18D40L	FLO-1118-17170	1
#12314	Spe-ed Flash C18/18D40L	None available	12
#12315	Spe-ed Flash C18/18D40XL	None available	1
#12316	Spe-ed Flash C18/18D40XL	None available	12

## C4 Butyl, 32-63 $\mu$ m, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12317	Spe-ed Flash C4D40S	FB1-0804-17020	1
#12318	Spe-ed Flash C4D40S	None available	12
#12319	Spe-ed Flash C4D40M	FB1-0804-17040	1
#12320	Spe-ed Flash C4D40M	None available	12
#12321	Spe-ed Flash C4D40L	None available	1
#12322	Spe-ed Flash C4D40L	None available	12
#12323	Spe-ed Flash C4D40XL	None available	1
#12324	Spe-ed Flash C4D40XL	None available	12



# Spe-ed FLASH 40

**SCX** Strong cation exchanger, 32-63 $\mu$ m, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12260	Spe-ed Flash SCXD40S	None available	1
#12261	Spe-ed Flash SCXD40S	None available	12
#12262	Spe-ed Flash SCXD40M	None available	1
#12263	Spe-ed Flash SCXD40M	None available	12
#12264	Spe-ed Flash SCXD40L	None available	1
#12265	Spe-ed Flash SCXD40L	None available	12
#12266	Spe-ed Flash SCXD40XL	None available	1
#12267	Spe-ed Flash SCXD40XL	None available	12

**SAX** Strong anion exchanger, 32-63 $\mu$ m, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12268	Spe-ed Flash SAXD40S	None available	1
#12269	Spe-ed Flash SAXD40S	None available	12
#12270	Spe-ed Flash SAXD40M	None available	1
#12271	Spe-ed Flash SAXD40M	None available	12
#12272	Spe-ed Flash SAXD40L	None available	1
#12273	Spe-ed Flash SAXD40L	None available	12
#12274	Spe-ed Flash SAXD40XL	None available	1
#12275	Spe-ed Flash SAXD40XL	None available	12



# Spe-ed FLASH 65

## **Silica Gel** 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12425	Spe-ed Flash SiD65M	None Available	1
#12426	Spe-ed Flash SiD65L	None Available	1

## **C18/18%** endcapped Octadecyl, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12428	Spe-ed Flash C18/18D65M	None Available	1
#12429	Spe-ed Flash C18/18D65L	None Available	1

## **C4** Butyl, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12431	Spe-ed Flash C4D65M	None Available	1
#12432	Spe-ed Flash C4D65L	None Available	1

## **SCX** Strong cationic exchanger, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12434	Spe-ed Flash SCXD65M	None Available	1
#12435	Spe-ed Flash SCXD65L	None Available	1

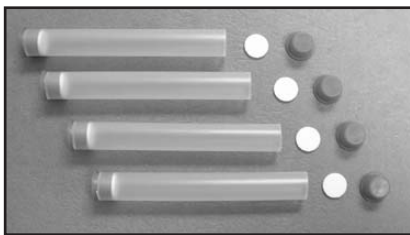
## **SAX** Strong anionic exchanger, 32-63µm, 60Å, 500-550 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12437	Spe-ed Flash SAXD65M	None Available	1
#12438	Spe-ed Flash SAXD65L	None Available	1

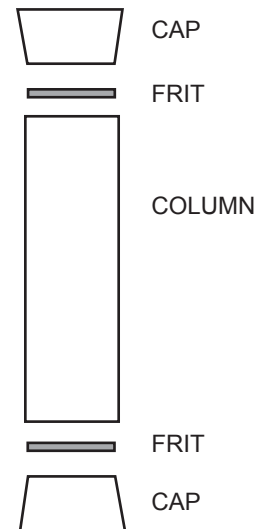
## **Alumina** Neutral alumina 50-200µm, 60Å, 150 m<sup>2</sup>/g

<u>Catalog #</u>	<u>Product</u>	<u>Biotage™ Equivalent</u>	<u>Qty/box</u>
#12443	Spe-ed Flash D65M	None Available	1
#12444	Spe-ed Flash D65L	None Available	1

# Empty Spe-ed FLASH



Applied Separations' flash columns can be purchased either empty, or with frits. Separate frits are also available in order to meet individual extraction needs. These accessories, used separately or in combination, result in customized extraction columns for use in flash chromatography procedures.



## D12 Series

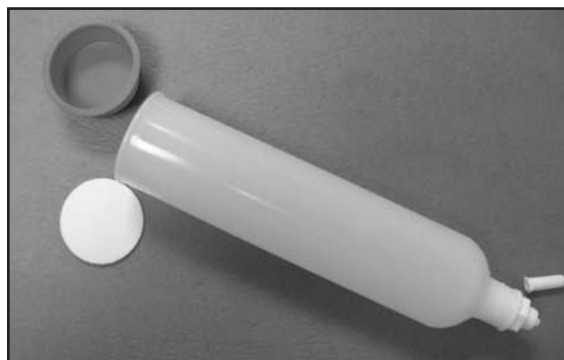
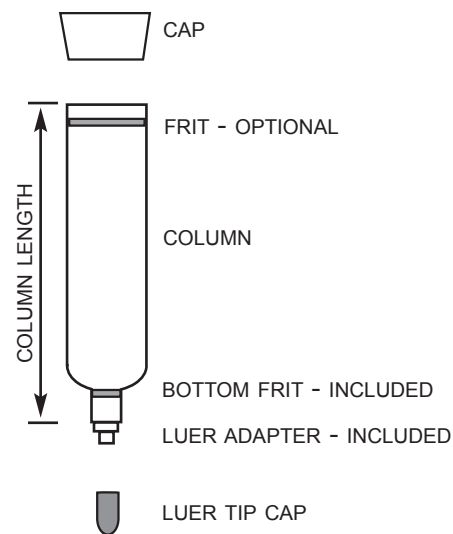
	Qty.	D12S Catalog #	D12M Catalog #
Cartridge assembly including 2 frits	50	12060	12063
Frit 20 $\mu$ PE	100	12062	12062
Cap	100	12061	12061

## D40 Series

	Qty.	D40S Catalog #	Price	D40M Catalog #	Price	D40L Catalog #	Price	D40XL Catalog #	Price
Cartridge assembly including bottom frit and luer adaptor	50	12066		12070		12071		12072	
20 $\mu$ PE Top Frit	50	12068		12068		12068		12068	
Cap	50	12067		12067		12067		12067	
Luer Tip Cap	50	12069		12069		12069		12069	

## D65 Series

	Qty.	D65M Catalog #	Price	D65L Catalog #	Price
Cartridge assembly including bottom frit and luer adaptor	50	12075		12076	
20 $\mu$ PE Top Frit	50	12074		12074	
Cap	50	12072		12073	
Luer Tip Cap	50	12069		12069	





**Applied  
Separations**

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