

## Hypersil Classical continued

### Hypersil SAX

Particle Size (µm)	Format	Length (mm)	ID (mm)	Cat. No.
5	Drop-in Guard (4/pk)	10	3.0	34105-013001
			4.6	34105-014001
	HPLC Column	250	3.0	34105-253030
			4.6	34105-254630

### Hypersil Green PAH

Particle Size (µm)	Format	Length (mm)	ID (mm)	Cat. No.
3	Guard Cartridge	10	2.1	31103-012101
			3.0	31103-013001
			4.6	31103-014001
	HPLC Column	100	2.1	31103-102130
			3.0	31103-103030
			4.6	31103-104630
	HPLC Column	150	2.1	31103-152130
			4.6	31103-154630
5	Guard Cartridge	10	4.6	31105-014001
	HPLC Column	100	4.6	31105-104630
		150	4.6	31105-154630
		250	4.6	31105-254630

## BETASIL columns

	Particle Size (µm)	Format	Length (mm)	2.1 mm ID	3.0 mm ID	4.0 mm ID	4.6 mm ID
Silica	5	Drop-in Guard (4/pk)	10mm	70005-012101	70005-013001	70005-014001	70005-014001
		HPLC Column	50mm	70005-052130	70005-053030	-	-
			100mm	70005-102130	70005-103030	-	-
			150mm	70005-152130	70005-153030	-	70005-154630
			250mm	-	70005-253030	-	70005-254630
C18	3	Drop-in Guard (4/pk)	10mm	70103-012101	70103-013001	70103-014001	70103-014001
		Javelin Guards (4/pk)	20mm	70105-022106	-	-	-
		HPLC ColumnS	50mm	70103-052130	70103-053030	-	70103-054630
			100mm	70103-102130	-	70103-104030	70103-104630
			150mm	70103-152130	70103-153030	-	70103-154630
			250mm	-	-	-	70103-254630
	5	Drop-in Guard (4/pk)	10mm	70105-012101	70105-013001	70105-014001	70105-014001
		HPLC Column	50mm	70105-052130	70105-053030	-	70105-054630
			100mm	70105-102130	-	-	70105-104630
			125mm	-	-	70105-124030	70105-124630
			150mm	70105-152130	-	70105-154030	70105-154630
			250mm	70105-252130	70105-253030	70105-254030	70105-254630
			300mm	-	-	70105-304030	-
C8	3	HPLC Column	50mm	70203-052130	70203-053030	-	-
			150mm	-	-	-	70203-154630
	5	Drop-in Guard (4/pk)	10mm	-	70205-013001	70205-014001	70205-014001
		HPLC Column	50mm	70205-052130	70205-053030	-	-
			100mm	70205-102130	-	-	70205-104630
			125mm	-	-	70205-124030	70205-124630
150mm	-		-	70205-154030	70205-154630		
250mm	-	-	-	70205-254630			
C6	5	Drop-in Guard (4/pk)	10mm	-	-	70305-014001	70305-014001
		HPLC Column	100mm	-	-	-	70305-104630
			125mm	-	-	-	70305-124630
			150mm	-	-	70305-154030	70305-154630
			250mm	-	-	-	70305-254630

C1	5		250mm			70505-254030	70505-254630	
Phenyl	3	Drop-in Guard (4/pk)	10mm	70603-012101	-	-	-	
		HPLC Column	150mm	70603-152130	-	-	-	
	5	Drop-in Guard (4/pk)	10mm	-	-	-	70605-014001	70605-014001
		HPLC Column	100mm	70605-102130	-	-	-	-
			150mm	-	-	-	-	70605-154630
250mm	-	-	-	-	-	70605-254630		
Cyano	5	HPLC Column	50mm	70805-052130	70805-053030	-	70805-054630	
			-	-	-	-	70805-104630	
			250mm	-	-	-	70805-254030	70805-254630
Diol	5	HPLC Column	50mm	-	-	-	72605-054630	
			150mm	72605-152130	72605-153030	72605-154030	72605-154630	
			250mm	-	-	72605-254030	72605-254630	
Phenyl/ Hexyl	3	Drop-in Guard (4/pk)	10mm	73003-012101	-	-	-	
		HPLC Column	50mm	73003-052130	73003-053030	-	-	
			100mm	-	73003-103030	-	73003-104630	
			150mm	-	73003-153030	-	73003-154630	
	5	Drop-in Guard (4/pk)	10mm	73005-012101	-	-	-	
		HPLC Column	50mm	73005-052130	73005-053030	-	-	
			150mm	73005-152130	-	-	73005-154630	
250mm	-	-	73005-254030	73005-254630				

## IonPac NS1 and NS2

Polymeric reversed-phase column ideal for the separation of hydrophobic, ionizable compounds

- Excellent resolution
- Good peak shape
- Ideal for separation of large molecules that carry localized charges, such as surfactants
- Compatible with acids, bases, and solvent from pH 0 to 14
- Can also be used for traditional polymeric reversed-phase applications
- Utilize ion-pair chromatography for difficult separations

Thermo Scientific™ Dionex™ IonPac™ NS1-10µm and NS1-5µm columns are packed with a neutral, macroporous, high-surface-area, ethylvinylbenzene polymer crosslinked with 55% divinylbenzene. This resin makes the NS1 resistant to solvents, acids, and bases, and permits the use of eluent from pH 0 to 14. The Dionex IonPac NS1 column is the column of choice for routine ion pair chromatography.

IonPac NS2 is a silica-based column for mobile-phase ion chromatography (MPIC) applications using eluents containing trifluoroacetic acid (TFA), heptafluorobutyric acid (HFBA), or tetrabutylammonium borate (TBAB). It provides high performance analysis for hydrophobic amines and hydrophobic acids using suppressed conductivity detection.

### IonPac NS1 and NS2

Description	Particle Size (µm)	Format	Length (mm)	2.0mm ID	4.0mm ID	
IonPac NS1	5	HPLC Column	150	-	039568	
	10	Guard Column	35	-	039567	
				50	088763	-
		HPLC Column	250	088762	035321	
IonPac NS2	5	Guard Column	35	-	088788	
		HPLC Column	150	-	088787	
			250	-	088786	