

Specifications of PrincetonSPHER HPLC Phases

Phase	Particle Size (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load (%)	Endcapped	USP	Phase Code
PrincetonSPHER-60 Series							
C18	3, 5, 10	60	500	23	Yes	L1	01
C8	3, 5, 10	60	500	15	Yes	L7	02
C6	3, 5, 10	60	500	10	Yes	L15	03
C4	3, 5, 10	60	500	8	No	L26	04
Phenyl	3, 5, 10	60	500	16	Yes	L11	05
Diphenyl	5	60	500	10	Yes	L11	51
PFP	3, 5, 10	60	500	12	Yes	L43	06
CN	3, 5, 10	60	500	8	No	L10	07
AMINO	3, 5, 10	60	500	6	No	L8	08
DIOL	3, 5, 10	60	500	6	No	L20	09
DIOL-HL	5, 10	60	500	9	No	L20	79
Silica	3, 5, 10	60	500	n/a	n/a	L3	10
PrincetonSPHER-100 Series							
C18	3, 5, 10	100	325	19	Yes	L1	01
C8	3, 5, 10	100	325	11	Yes	L7	02
C6	3, 5, 10	100	325	8	Yes	L15	03
C4	3, 5, 10	100	325	6	No	L26	04
Phenyl	3, 5, 10	100	325	12	Yes	L11	05
PFP	3, 5, 10	100	325	9	Yes	L43	06
CN	3, 5, 10	100	325	6	No	L10	07
AMINO	3, 5, 10	100	325	4	No	L8	08
DIOL	3, 5, 10	100	325	4	No	L20	09
Silica	3, 5, 10	100	325	n/a	n/a	L3	10
PrincetonSPHER-300 Series							
C18	5, 10	300	100	8	Yes	L1	01
C8	5, 10	300	100	5	Yes	L7	02
C4	5, 10	300	100	3	No	L26	04
Phenyl	5, 10	300	100	5	Yes	L11	05
CN	5, 10	300	100	3	No	L10	07
AMINO	5, 10	300	100	3	No	L8	08
DIOL	5, 10	300	100	2	No	L20	09
Silica	5, 10	300	100	n/a	n/a	L3	10
PrincetonSPHER-Phases							
C30	3, 5, 10	200	200	19	No	L62	74
HTS (C12)	3, 5, 10	60	500	16	Yes	-	70
Cyclohexyl	3, 5, 10	60	500	12	Yes	-	43
Fluorooctyl	5, 10	100	325	8	Yes	-	42
Fluoropropyl	5, 10	100	325	5	No	-	41
DEAP	5, 10	60	500	10.5	No	-	75
ULTIMA Phases							
C18	3, 5, 10	100	325	16	Yes	L1	21
C8	3, 5, 10	100	325	13	Yes	L7	22
Phenyl	3, 5, 10	100	325	12	Yes	L11	23
PharmaBOND Phases							
C18	5, 10	125	300	10	Yes	L1	01
Phenyl	10	125	300	8	Yes	L11	05
CN	10	125	300	6	No	L10	07
Amino	10	125	300	4	No	L8	08
Silica	10	125	300	n/a	n/a	L3	10

