

PHASE	USP LISTING	FUNCTIONAL GROUP	ENDCAPPED	PARTICLE SIZE (µm)*	PORE SIZE (Å)	SURFACE AREA (m ² /g)	CARBON LOAD (%)	PH RANGE	100% AQ compatible
ACE HILIC-A	L3	Proprietary SIL	No	1.7, 3, 5	100	300	-	2 – 7	-
ACE HILIC-B	L8	Proprietary aminopropyl	No	1.7, 3, 5	100	300	4.0	2 – 7	-
ACE HILIC-N	pending	Proprietary polyhydroxy	No	1.7, 3, 5	100	300	7.0	2 – 7	-
ACE NH ₂	L8	Proprietary aminopropyl	Proprietary	1.7, 3, 5	100	300	4.0	2 – 7	YES
UltraCore SuperC18 (solid core)	L1	Octadecyl encapsulated	Encapsulated	2.5, 5	95	130 100	7.0 5.4	1.5 – 11.0	-
UltraCore SuperPhenylHexyl (solid core)	L11	Phenyl Hexyl encapsulated	Encapsulated	2.5, 5	95	130 100	4.6 3.6	1.5 – 11.0	-
CN-ES	L10	Cyano with extended alkyl spacer	Yes	1.7, 2, 3, 5, 10	100	300	12.6	2 – 8	YES
C18-Amide	L1 / L60	Polar embedded amide	Yes	1.7, 2, 3, 5, 10	100	300	17.0	2 – 8	YES
SuperC18	L1	Octadecyl encapsulated	Encapsulated	1.7, 2, 3, 5, 10	90	400	14.8	1.5 – 11.5	-
C18-AR	L1	Octadecyl with integral phenyl	Yes	1.7, 2, 3, 5, 10	100	300	15.5	2 – 8	YES
C18-PFP	L1	Octadecyl with integral PFP	Yes	1.7, 2, 3, 5, 10	100	300	14.3	2 – 8	YES
C18-HL	L1	Octadecyl	Yes	3, 5, 10, 15	90	400	20	2 – 8	-
C18 C18-300	L1 L1	Octadecyl Octadecyl	Yes Yes	1.7, 2, 3, 5, 10 3, 5, 10	100 300	300 100	15.5 9.0	2 – 8 2 – 8	-
C8 C8-300	L7 L7	Octyl Octyl	Yes Yes	2, 3, 5, 10 3, 5, 10	100 300	300 100	9.0 5.0	2 – 8 2 – 8	-
C4 C4-300	L26 L26	Butyl Butyl	Yes Yes	2, 3, 5, 10 3, 5, 10	100 300	300 100	5.5 2.6	2 – 8 2 – 8	-
CN CN-300	L10 L10	Cyano Cyano	Yes Yes	2, 3, 5, 10 3, 5, 10	100 300	300 100	5.5 2.6	2 – 7 2 – 7	-
Ph Ph-300	L11 L11	Phenyl Phenyl	Yes Yes	2, 3, 5, 10 3, 5, 10	100 300	300 100	9.5 5.3	2 – 8 2 – 8	-
AQ	L1	Proprietary	Yes	2, 3, 5, 10	100	300	14	2 – 8	YES
SIL	L3	Unbonded	No	2, 3, 5, 10	100	300	N/A	2 – 7	-