Spe-ed™ Flangeless and Rimless Cartridges

Today's fully automated SPE processing systems require an SPE cartridge configuration that has been specially adapted to fit these instruments. Applied Separations' Flangeless cartridges do not have the flange, or tab that is found at the top of Applied Separations' Standard SPE cartridge. A full selection of rimless cartridges are also available.

All three cartridge formats are identical in every other way.

The flangeless and rimless designs allow for closer packing in specialized automated SPE systems, such as the Gilson® SPE215. This format will accommodate 96 x 1mL cartridges, or 48 x 3mL cartridges in the standard 96-well footprint.

Applied Separations provides the same wide variety and high quality packings in these specially modified cartridges as available in its standard SPE cartridges.

- If non-standard sorbents, packing amounts, or cartridge sizes are required, Applied Separations can provide them.
- Empty cartridges with a wide variety of different frit material are also available.

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www.appliedseparations.com

Applied Separations

SPE Solid Phase Extraction

World Leader in Separations and Extractions

Empty Cartridge

Empty Standard Polypropylene Cartridges

SIZE*	QUANTITY	CAT. NO.
1ML	100	2442
3ML	100	2443
6ML	100	2417
12ML	100	2410
35ML	100	2434
60ML	100	2444
MINI	100	2445
500MG LRC**	100	2408

* Size refers to the description used for SPE cartridges.
** Size refers to the nominal amount of sorbent the cartridge will hold in the neck - actual volume is greater than 15mL.

Empty Flangeless Polypropylene Cartridges

SIZE*	QUANTITY	CAT. NO.
1ML	100	13060
3ML	100	13061
6ML	100	13062
12ML	100	13063

*Size refers to the description used for SPE cartridges.

Empty Rimless Polypropylene Cartridges

SIZE*	QUANTITY	CAT. NO.
1ML	100	14204
3ML	100	14205
6ML	100	14206
12ML	100	14207

*Size refers to the description used for SPE cartridges.

Polypropylene Cartridge with one Hydrophobic Frit (traditional SPE use)

		20mPE FRIT	70mPE FRIT	100mPE FRIT	5mPTFE FRIT
SIZE*	QUANTITY	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
1ML	100	2411	2449	2924	2933
3ML	100	2413	2450	2925	2934
6ML	100	2416	2454	2926	2935
12ML	100	2419	2427	2927	2936
35ML	100	2435	2455	2928	2937
60ML	100	2446	2456	2929	2938
MINI	100	2447	2457	2930	2939
500MG LRC	100	2409	2459	2932	2941

Polypropylene Cartridge with two Hydrophobic Frits (traditional SPE use)

		TWO 20mPE FRITS
SIZE*	QUANTITY	CAT. NO.
1ML	100	8162
3ML	100	8059
6ML	100	8163
12ML	100	8164
35ML	100	8166
60ML	100	8167

Fritted Cartridge

Dual Fritted Cartridge

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Spe-ed™ Flangeless Cartridges

Sorbent packed in specially designed 1mL, 3mL, 6mL, or 12mL polypropylene cartridge syringe barrels.

Product Numbers

Sorbent		100mg 1mL	200mg 3mL	500mg 3mL	500mg 6mL	1000mg 6mL	2g 6mL	1000mg 12mL
C18	Octadecyl/14	13100	13101	13102	13103	13104	13281	13105
C18	Octadecyl/18	13106	13107	13108	13109	13110	13282	13111
C18	Octadecyl/22	13112	13113	13114	13115	13116	13283	13117
C18	Octadecyl/OH (not endcapped)	13118	13119	13120	13121	13122	13284	13123
C8	Octyl	13124	13125	13126	13127	13128	13285	13129
PH	Phenyl	13130	13131	13132	13133	13134	13286	13135
CH	Cyclohexyl	13136	13137	13138	13139	13140	13287	13141
C4	Butyl	13142	13143	13144	13145	13146	13288	13147
C2	Ethyl	13148	13149	13150	13151	13152	13289	13153
C1	Methyl	13154	13155	13156	13157	13158	13290	13159
CNe	Cyanopropyl	13160	13161	13162	13163	13164	13291	13165
CN	Cyanopropyl (not endcapped)	13166	13167	13168	13169	13170	13292	13171
SI	Silica Gel	13172	13173	13174	13175	13176	13293	13177
FLO	Florisil	13178	13179	13180	13181	13182	13294	13183
ALN	Alumina (Neutral)	13184	13185	13186	13187	13188	13295	13189
ALA	Alumina (Acidic)	13190	13191	13192	13193	13194	13296	13195
ALB	Alumina (Basic)	13196	13197	13198	13199	13200	13297	13201
DIO	Diol	13202	13203	13204	13205	13206	13298	13207
COOH	Carboxylic Acid	13208	13209	13210	13211	13212	13299	13213
SCX	Benzenesulfonic Acid	13214	13215	13216	13217	13218	13280	13219
NH2	Aminopropyl	13220	13221	13222	13223	13224	13300	13225
PSA	Pri/Sec Amine	13226	13227	13228	13229	13230	13301	13231
DEA	Diethylamino	13232	13233	13234	13235	13236	13302	13237
SAX	Quaternary Amino	13238	13239	13240	13241	13242	13303	13243

All sorbents are endcapped unless otherwise noted.

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SPE Solid Phase Extraction

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Spe-ed™ Rimless Cartridges

Sorbent packed in specially designed 1mL, 3mL, 6mL, or 12mL polypropylene cartridge syringe barrels.

Product Numbers

Sorbent		100mg 1mL	200mg 3mL	500mg 3mL	500mg 6mL	1000mg 6mL	2g 6mL	1000mg 12mL
C18	Octadecyl/14	14211	14212	14213	14214	14215	14216	14217
C18	Octadecyl/18	14218	14219	14220	14221	14222	14223	14224
C18	Octadecyl/22	14225	14226	14227	14228	14229	14230	14231
C18	Octadecyl/OH (not endcapped)	14232	14233	14234	14235	14236	14237	14238
C8	Octyl	14239	14240	14241	14242	14243	14244	14245
PH	Phenyl	14246	14247	14248	14249	14250	14251	14252
CH	Cyclohexyl	14253	14254	14255	14256	14257	14258	14259
C4	Butyl	14260	14261	14262	14263	14264	14265	14266
C2	Ethyl	14267	14268	14269	14270	14271	14272	14273
C1	Methyl	14274	14275	14276	14277	14278	14279	14280
CNe	Cyanopropyl	14281	14282	14283	14284	14285	14286	14287
CN	Cyanopropyl (not endcapped)	14288	14289	14290	14291	14292	14293	14294
SI	Silica Gel	14295	14296	14297	14298	14299	14300	14301
FLO	Florisil	14302	14303	14304	14305	14306	14307	14308
ALN	Alumina (Neutral)	14309	14310	14311	14312	14313	14314	14315
ALA	Alumina (Acidic)	14316	14317	14318	14319	14320	14321	14322
ALB	Alumina (Basic)	14323	14324	14325	14326	14327	14328	14329
DIO	Diol	14330	14331	14332	14333	14334	14335	14336
COOH	Carboxylic Acid	14337	14338	14339	14340	14341	14342	14343
SCX	Benzenesulfonic Acid	14344	14345	14346	14347	14348	14349	14350
NH2	Aminopropyl	14351	14352	14353	14354	14355	14356	14357
PSA	Pri/Sec Amine	14358	14359	14360	14361	14362	14363	14364
DEA	Diethylamino	14365	14366	14367	14368	14369	14370	14371
SAX	Quaternary Amino	14372	14373	14374	14375	14376	14377	14378

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Prices subject to change without notice.

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