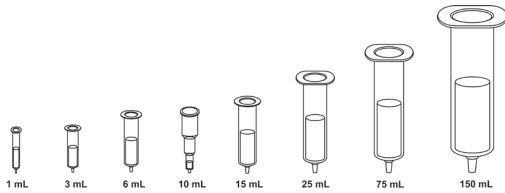


ENVIRO-CLEAN® SOLID PHASE EXTRACTION CARTRIDGES

COPOLYMERIC PRODUCT GUIDE



Sorbents are offered in the following particle sizes:

- Small Particle (5-20 µm)
- Intermediate Particle (25-40 µm)
- Standard Particle (40-63 µm)
- Large Particle (80-200 µm)

Hydrophobic Plus Cyclohexyl

PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUCYH211	–	100 mg/1 mL	100
EUCYH223	–	200 mg/3 mL	50
EUCYH253	–	500 mg/3 mL	50
EUCYH256	–	500 mg/6 mL	50
EUCYH2M6	–	1000 mg/6 mL	30
EUCYH21Z	–	100 mg/10 mL	50
EUCYH22Z	–	200 mg/10 mL	50
EUCYH25Z	–	500 mg/10 mL	50
EUCYH22M15	–	2000 mg/15 mL	20
EUCYH25M25	–	5000 mg/25 mL	20
EUCYH210M75	–	10,000 mg/75 mL	10

% Organic Loading: 11.00

Application:

Dual functionality for phenols and hydrophobic compounds.

Hydrophobic Plus Cyanopropyl

PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUCNP211	–	100 mg/1 mL	100
EUCNP223	–	200 mg/3 mL	50
EUCNP253	–	500 mg/3 mL	50
EUCNP256	–	500 mg/6 mL	50
EUCNP2M6	–	1000 mg/6 mL	30
EUCNP21Z	–	100 mg/10 mL	50
EUCNP22Z	–	200 mg/10 mL	50
EUCNP25Z	–	500 mg/10 mL	50
EUCNP22M15	–	2000 mg/15 mL	20
EUCNP25M25	–	5000 mg/25 mL	20
EUCNP210M75	–	10,000 mg/75 mL	10

% Organic Loading: 14.60

Application:

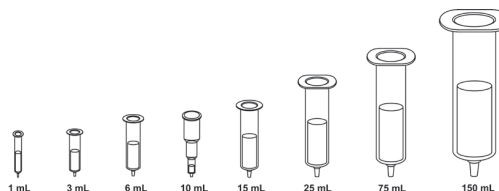
Dual functionality for polar and hydrophobic compounds.

ENVIRO-CLEAN® SOLID PHASE EXTRACTION CARTRIDGES

COPOLYMERIC PRODUCT GUIDE

Sorbents are offered in the following particle sizes:

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Large Particle (80-200 µm)



Hydrophobic Plus Propylsulfonic Acid			
PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUPCX2L1	–	50 mg/1 mL	100
EUPCX211	–	100 mg/1 mL	100
EUPCX223	–	200 mg/3 mL	50
EUPCX253	–	500 mg/3 mL	50
EUPCX256	–	500 mg/6 mL	50
EUPCX2M6	–	1000 mg/6 mL	30
EUPCX21Z	–	100 mg/10 mL	50
EUPCX22Z	–	200 mg/10 mL	50
EUPCX25Z	–	500 mg/10 mL	50
EUPCX22M15	–	2000 mg/15 mL	20
EUPCX25M25	–	5000 mg/25 mL	20
EUPCX210M75	–	10,000 mg/75 mL	10

% Organic Loading: 14.62

Application:

Dual functionality for weak bases and hydrophobic compounds.

Hydrophobic Plus Carboxylic Acid			
PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUCCX2L1	–	50 mg/1 mL	100
EUCCX211	–	100 mg/1 mL	100
EUCCX223	–	200 mg/3 mL	50
EUCCX253	–	500 mg/3 mL	50
EUCCX256	–	500 mg/6 mL	50
EUCCX2M6	–	1000 mg/6 mL	30
EUCCX21Z	–	100 mg/10 mL	50
EUCCX22Z	–	200 mg/10 mL	50
EUCCX25Z	–	500 mg/10 mL	50
EUCCX22M15	–	2000 mg/15 mL	20
EUCCX25M25	–	5000 mg/25 mL	20
EUCCX210M75	–	10,000 mg/75 mL	10

% Organic Loading: 11.80

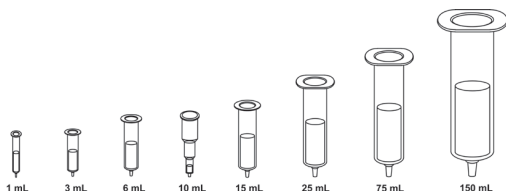
Application:

Dual functionality for strong bases and hydrophobic compounds.



ENVIRO-CLEAN® SOLID PHASE EXTRACTION CARTRIDGES

COPOLYMERIC PRODUCT GUIDE



Sorbents are offered in the following particle sizes:

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- Large Particle (80-200 µm)

Hydrophobic Plus Benzenesulfonic Acid

PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUBCX2L1	–	50 mg/1 mL	100
EUBCX211	–	100 mg/1 mL	100
EUBCX223	–	200 mg/3 mL	50
EUBCX253	–	500 mg/3 mL	50
EUBCX256	–	500 mg/6 mL	50
EUBCX2M6	–	1000 mg/6 mL	30
EUBCX21Z	–	100 mg/10 mL	50
EUBCX22Z	–	200 mg/10 mL	50
EUBCX25Z	–	500 mg/10 mL	50
EUBCX22M15	–	2000 mg/15 mL	20
EUBCX25M25	–	5000 mg/25 mL	20
EUBCX210M75	–	10,000 mg/75 mL	10

% Organic Loading: 12.30

Application:

Dual functionality for weak bases and hydrophobic compounds.

Hydrophobic Plus Quaternary Amine

PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUQAX2L1	–	50 mg/1 mL	100
EUQAX211	–	100 mg/1 mL	100
EUQAX223	–	200 mg/3 mL	50
EUQAX253	–	500 mg/3 mL	50
EUQAX256	–	500 mg/6 mL	50
EUQAX2M6	–	1000 mg/6 mL	30
EUQAX21Z	–	100 mg/10 mL	50
EUQAX22Z	–	200 mg/10 mL	50
EUQAX25Z	–	500 mg/10 mL	50
EUQAX22M15	–	2000 mg/15 mL	20
EUQAX25M25	–	5000 mg/25 mL	20
EUQAX210M75	–	10,000 mg/75 mL	10

% Organic Loading: 12.80

Application:

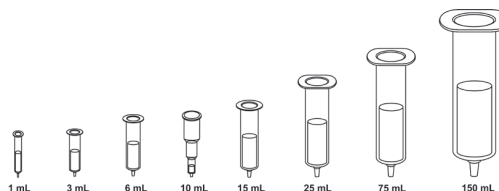
Dual functionality for weak acids and hydrophobic compounds.

ENVIRO-CLEAN® SOLID PHASE EXTRACTION CARTRIDGES

COPOLYMERIC PRODUCT GUIDE

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 Large Particle (80-200 µm)



Hydrophobic Plus Aminopropyl			
PART NUMBER UNENDCAPPED	PART NUMBER ENDCAPPED	AMT. SORBENT/ TUBE VOL.	UNITS
EUNAX2L1	–	50 mg/1 mL	100
EUNAX211	–	100 mg/1 mL	100
EUNAX223	–	200 mg/3 mL	50
EUNAX253	–	500 mg/3 mL	50
EUNAX256	–	500 mg/6 mL	50
EUNAX2M6	–	1000 mg/6 mL	30
EUNAX21Z	–	100 mg/10 mL	50
EUNAX22Z	–	200 mg/10 mL	50
EUNAX25Z	–	500 mg/10 mL	50
EUNAX22M15	–	2000 mg/15 mL	20
EUNAX25M25	–	5000 mg/25 mL	20
EUNAX210M75	–	10,000 mg/75 mL	10

% Organic Loading: 12.30

Application:

Dual functionality for strong acids and hydrophobic compounds.

EXTRACTION AND TROUBLESHOOTING TIPS

Low Recovery:

- Column may not be conditioned properly. Recondition with activation solvent and do not let the column dry out
- After conditioning, pass 1 to 2 bed volumes of solvent similar in composition to the actual sample—generally water or buffer—through the cartridge
- Switch to a sorbent that has a greater affinity for the analyte
- Reduce strength of wash solvent after sample extraction
- Analyte may be bound to the sorbent and require a stronger elution solvent

