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EDUCATION**

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is Power



DEVILBISS

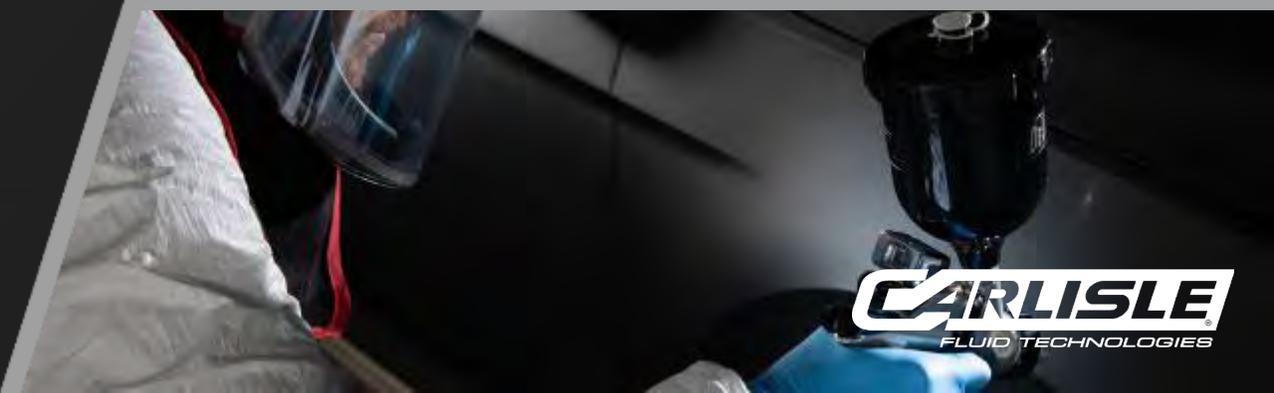
AUTOMOTIVE REFINISHING

Save Money Using a Disposable Paint Cup System

May 12th, 2022

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Payton Cozart



Agenda & Contents

- Why use Disposable Cups
- DeVilbiss DeKups Products
- How to Use DeKups
- Additional Tools
- Closing Comments & Questions

DeKUPS®



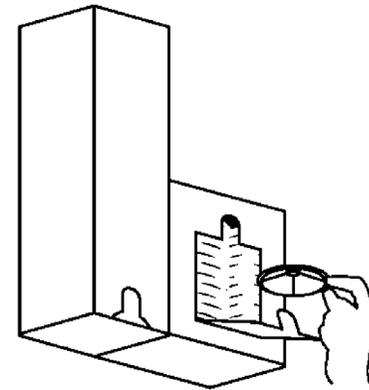
Why use Disposable Cups

- Helps improving finish quality and productivity for the operator
- Jobs will turn out cleaner with less re-work
- Equipment cleaning is quicker
- Solvent & washing materials use reduced
- Painters can be more productive in daily tasks



DeVilbiss DeKups

- There are 4 main sizes of DeKups offered:
 - 3oz / 90ml
 - 9oz / 265ml
 - 24oz / 710ml
 - 34oz / 1000ml
- The disposable components of the DeKup system are the lids & liners
- These lids & liners are packaged in boxes with perforation holes allowing the operator to mount on the paint mixing room wall
- This allows for easy dispense of the liner and lid preventing clutter and keeping mix room clean
- Each lid & liner package also includes 10 orange plugs for storage of unsprayed material



How to Use DeKups

Step 1: Install Proper Gun Adaptor

- DeVilbiss offers a catalog of spray gun adapters (+20 guns) to make sure that the operator can use DeKups even when using competitive products
- We continue to develop new adaptors as new guns come on the market



802200 / DPC-43
Adapter
(DeVilbiss, GPG, ProLite, FLG, DV1, TEKNA, CVI, PLUS, GTI, PRI, JGA, Binks M1G, Sharpe Cobalt, Platinum & Titanium)



802201 / DPC-26
Adapter
(Accuspray Issac)



803856 / DPC-85
Adapter
(Accuspray Disposable Head Spray Gun)



802203 / DPC-10
Adapter
(SATA® NR 2000, RP, KLC, MGB & Jet 90 series,)



802204 / DPC-11
Adapter
(SATA® NR95 & 92, Iwata LPH-400 & W400LV, Astro GF14, 17 & 20S, Finex FX 200 & FX 300)



802205 / DPC-13
Adapter
(Sagola)



802206 / DPC-23
Adapter
(DeVilbiss DV1S, ProLiteS, SRI, SRIW, SRIPro, Binks Cub)



802340 / DPC-500
Conversion Adapter



802955 / DPC-64
Adapter
(StartingLine touch-up gun)



803120 / DPC-69-K1
Suction Conversion Kit



803850 / DPC-504
Adapter
(SATA® OCC full size)



803314 / DPC-78
Adapter
(Iwata SuperNova AirGuns, LPN300, W300)



803420 / DPC-81
Adapter
(StartingLine full-size gun, Sharpe Finex 1000, 2000, 3000)



803238 / DPC-502
Adapter Kit
(SATA® Minis, OCC & threaded)



804473 / DPC-86-K1
Adapter Kit
(Iwata LPH80)



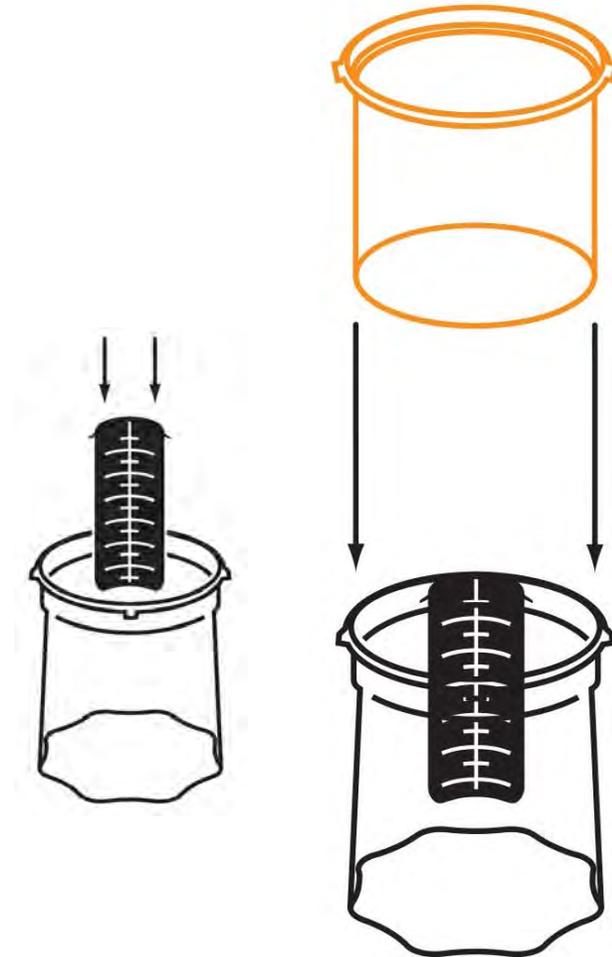
Step 2: Prepare DeKup for Material

Mixing by Weight

- When possible, always prepare and mix your material on a scale as this is usually prescribed by material supplier
- Take one liner in the selected size and place it into the hard shell of the identified size (9/24/34oz)

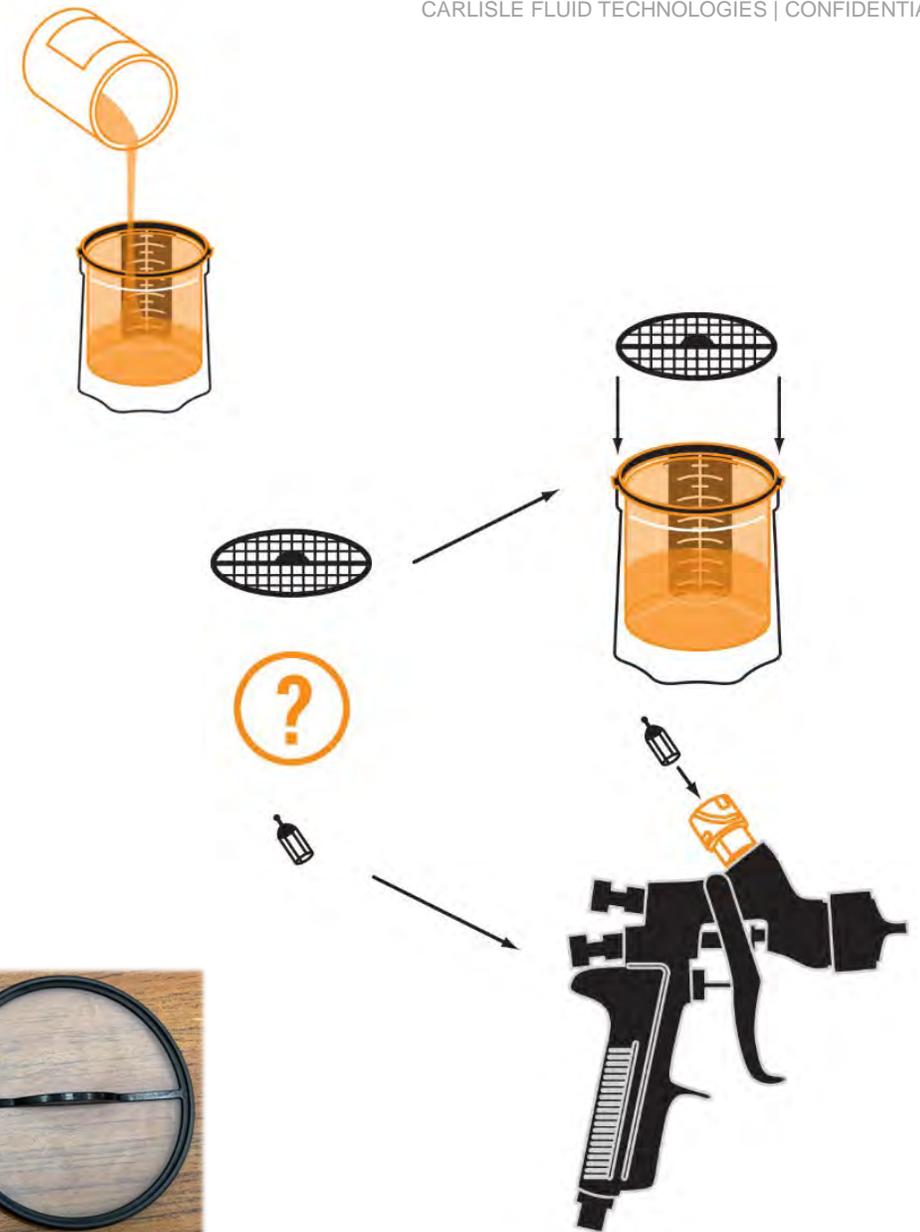
Mixing by Volume

- If a scale is not available, each DeKup model has a slit for a measuring guide insert to be placed in the hard shell that holds the liner
- Mixing guides are universal
- Steps for using mixing guide:
 - Install mixing guide
 - Make sure zero point of mixing guide matches up with the bottom of the liner



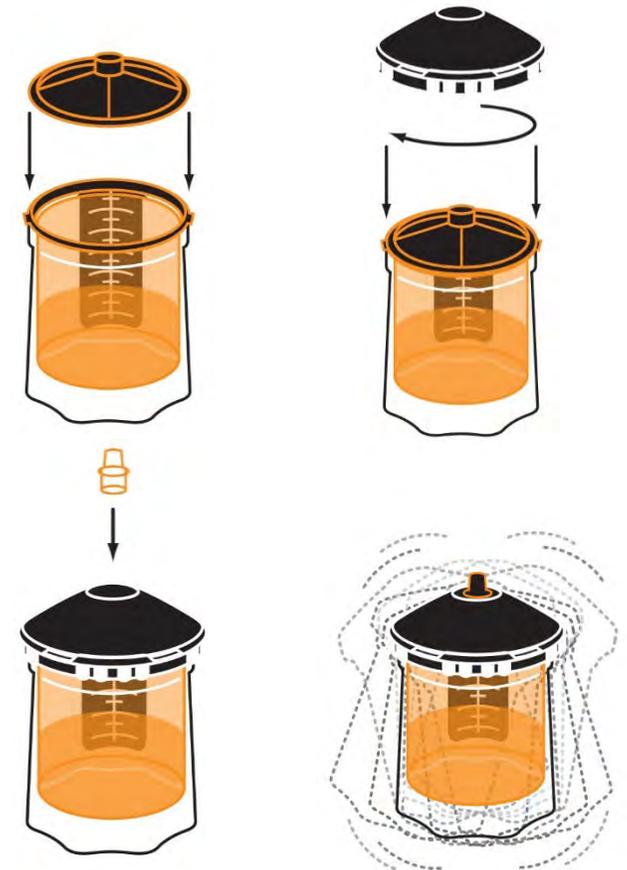
Step 3: Add Material to DeKup

- Mix material within cup by following manufactures mixing instructions
- Two types of filters are available:
 - **Barrel Filters** – Typically for solvent-based materials
 - **Disc filters** – Both water & solvent-based materials
- Barrel filters mesh sizes available:
 - 200 micron
 - 300 micron
 - 600 micron
- Disc filters mesh sizes available:
 - 125 micron
 - 200 micron



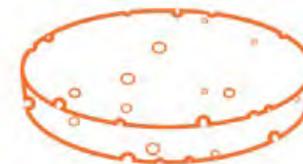
Step 4: Attach Disposable & Hard Lids

- Attach disposable lid by running thumbs around disposable lid until it makes a pop sound, sealing the lid to the liner
- To attach the hard lid, turn it clockwise until it locks in place
- The hard lid keeps the disposable lid tight against the liner preventing leaks and with it made from HDPE, creates a sturdy mount to the gun adaptor
- If shaking is called out by the material supplier for proper mixing, install an orange plug to seal the material inside the system (no shaker adaptor needed)



Step 4 Cont.: Shaking 34oz System

- If shaking is required when using the 34oz DeKup system, make sure to insert the shaker pad included with each 34oz shell & hard lid
- This is only required for the large 34oz system
- Due to size, this pad is added as the 34oz liners can elongate and tear in aggressive shakers when the pad is not used



**Shaker Pad
(34 oz. only)**

Step 5: Attaching DeKup System to Gun

- Always attach gun to DeKups with cup on bench
- Attach gun and adapter to DeKups by pulling trigger and rotating adapter onto reusable lid tabs in a clockwise motion
- The cup will lock in place ensuring the opening of the disposable lid under the hard lid is sealed within the DeKup adaptor
- The system is now securely attached to the gun and can be taken into the spray booth



Step 6: Preparing Gun for Spray

- Keeping the gun inverted, attach an air line and open the trigger allowing for air flow through the gun
- The Venturi created at the nozzle tip will start to pull all remaining air on top of the material creating a vacuum and collapsing the disposable liner
- Once material starts to atomize out the front of the gun, the operator is ready to spray
- Performing this process also now allows the operator to spray upside down for hard-to-reach areas on the part without impeding fluid flow
- This also makes refills and disposal cleaner when utilizing the disc filter with waterborne paint



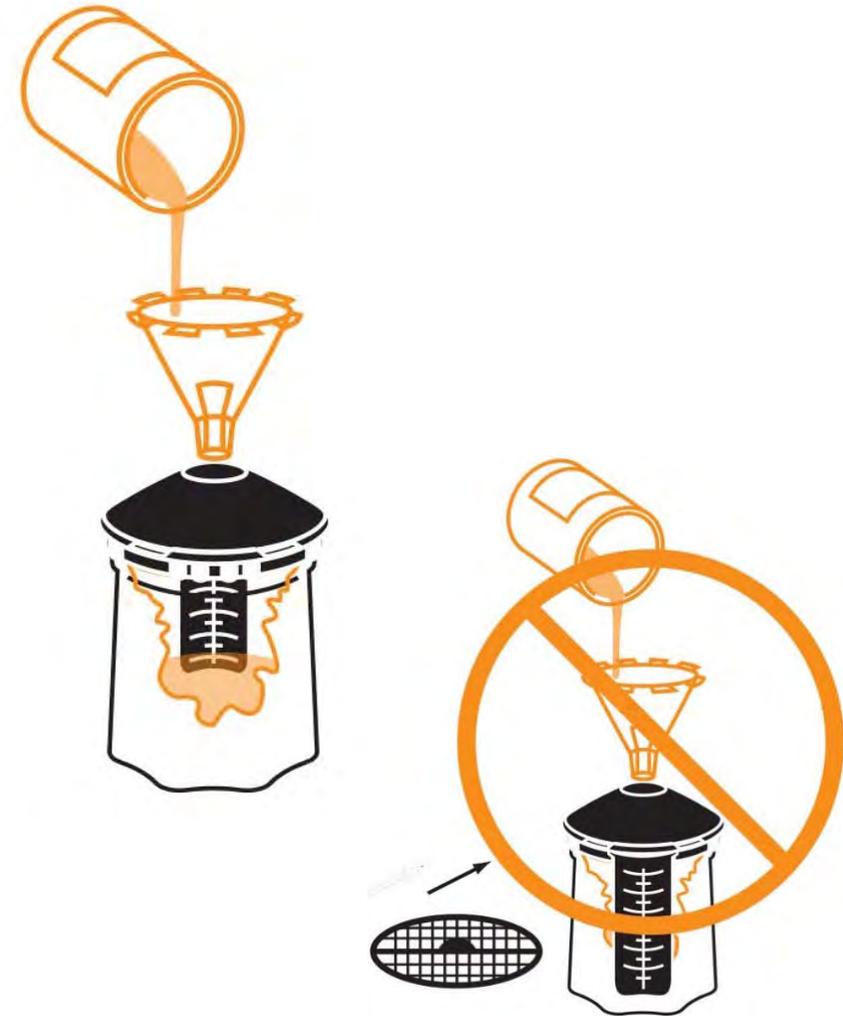
Step 7: Removing or Refilling System

- First disconnect the air hose
- Turn gun back upside down and pull trigger to drain material back into liner and allow to “reinflate”
- If a disc filter is installed, utilize a manual shake method to drive paint back into liner where the liner will return to original shape
- Make sure to remove DeKup system on bench to prevent any unwanted spills



Step 8: Removing or Refilling DeKups

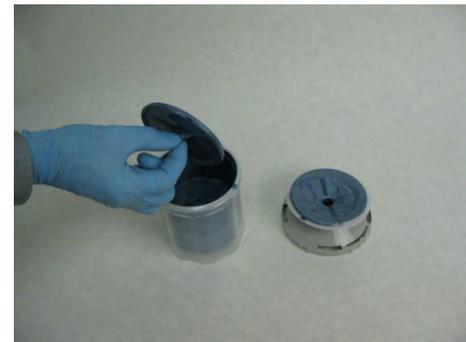
- DeKup Funnels allow for refilling without opening DeKup system
- Clears, sealers & primers can be refilled, limiting total cup usage
- Do not use funnel if disc filter is installed as the filter can potentially push disc filter out of place



Step 8 Cont.: Removing/Refilling DeKups

- Similar procedure in reverse order
- Remove hard lid by turning counter-clockwise placing aside
- Sweep thumbs across disposable lid neck to remove
- When refilling, to prevent contamination from the work bench, follow the **stack method** (pictured)
 - Remove hard lid and place “cone-up”
 - Remove and place disposable lid “cone down”
 - Remove disc filter and place on top of disposable lid
 - Refill cup and reassemble

Stack Method for Refilling DeKups



Step 9: Dispose of Remaining Material

- Allow catalyzed materials to dry in liner where they can then be placed in waste container
 - ***Important Note: Follow local hazardous waste disposal guidelines***
- If material in cup is to be used again, utilize orange plugs to save excess material in reusable sleeve and lid for sealing and storage
- Store waterborne materials upside down to keep filter screen wet, eliminating additional filter use

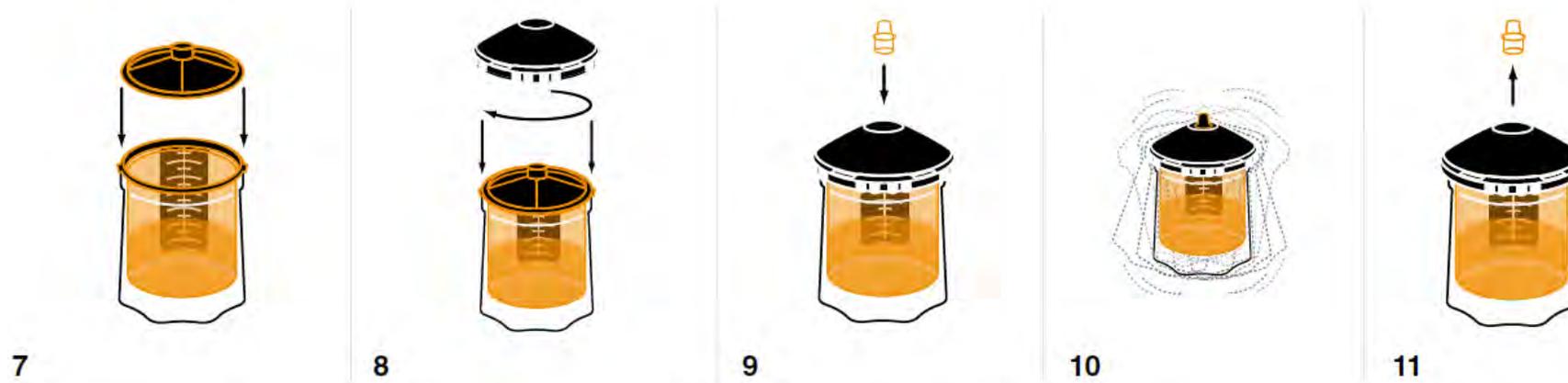
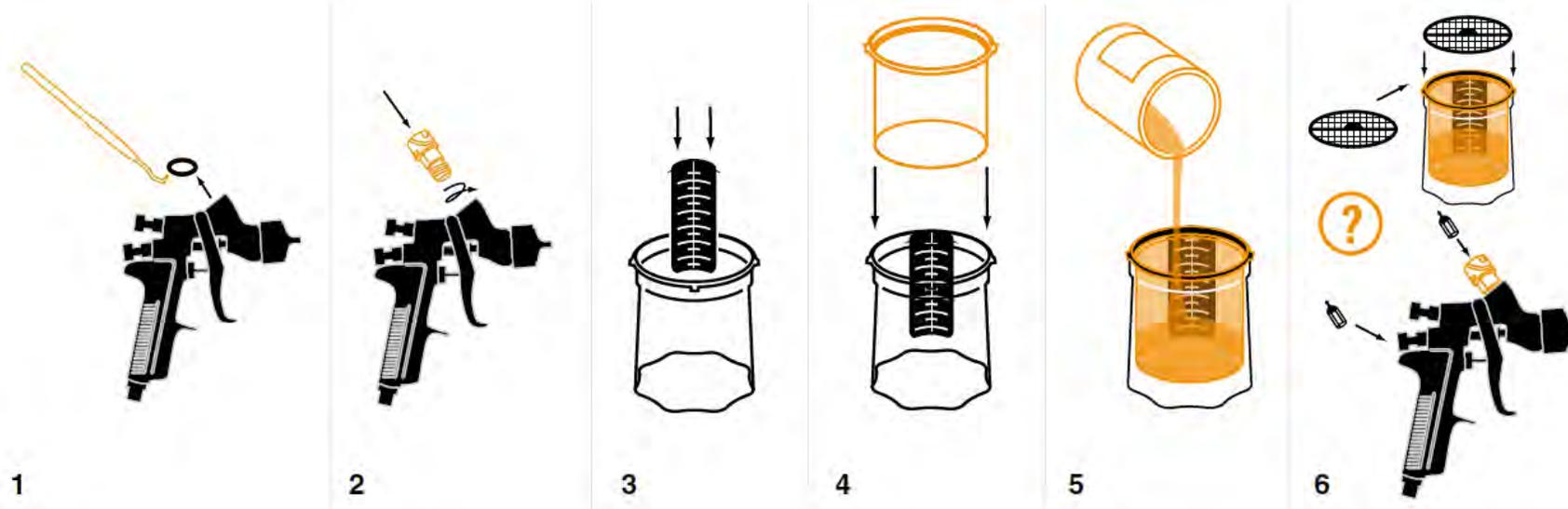


Step 10: Cleaning of Gun & Equipment

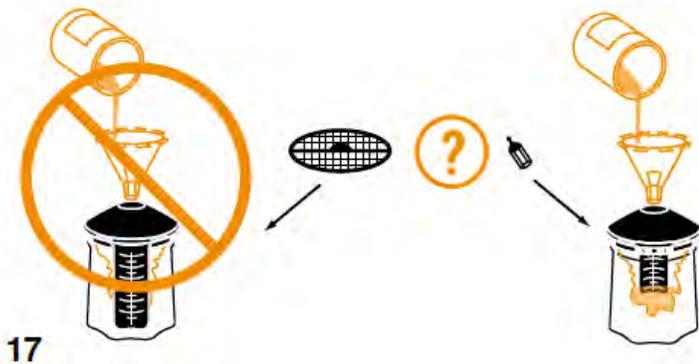
- Place barrel filters in solvent to clean and reuse
- Dispose of disc filters as they are not reusable
- When using a gun cleaner place gun assembly with DeKup adaptor installed in wash bay and run under normal cycle
- When not using a gun cleaner, use a squeeze bottle or equivalent to flush solvent through fluid passages into an approved container to clean
- Wipe gun & reusable shell & hard lid clean of any overspray after each application



Step by Step Visuals



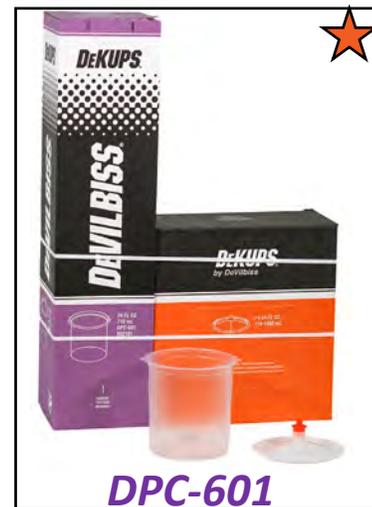
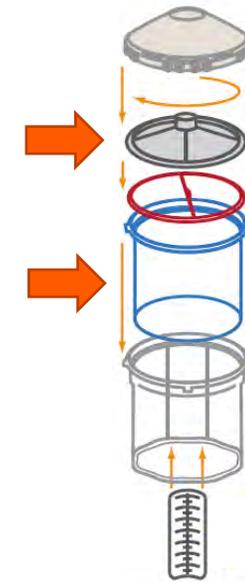
Step by Step Visuals



Ordering DeKups

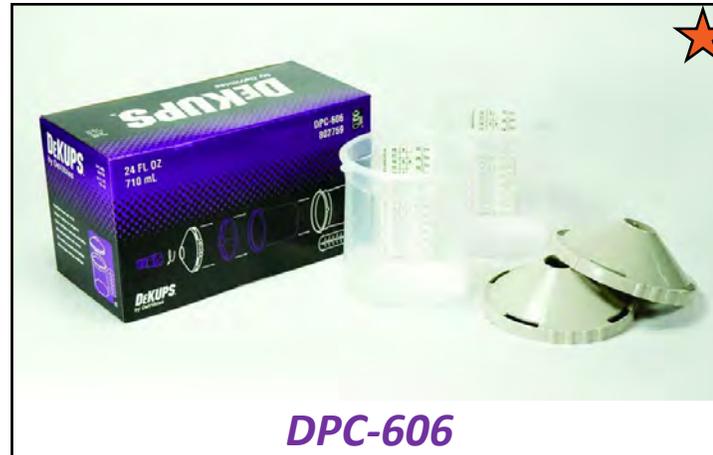
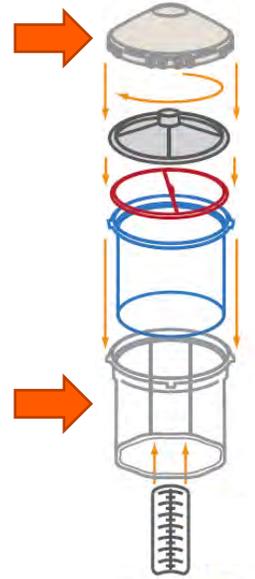
How to Order DeKups - Disposable Lids & Liners

Part Number / Order #	Part Description	Quantity / Unit of Sale
DPC-600 / 802100	34oz/1000ml Disposable Cups/Lids	32
DPC-601 / 802101	24oz/710ml Disposable Cups/Lids	32
DPC-602 / 802102	9oz/265ml Disposable Cups/Lids	32
DPC-503-K24 / 803510	3oz/90ml Disposable Cups/Lids	24
DPC-524 / 803474	24&34oz Disposable Lids Only	32
DPC-509 / 803889	9oz Disposable Lids Only	32



How to Order DeKups – Reusable Sleeves & Lids

Part Number / Order #	Part Description	Quantity / Unit of Sale
DPC-608 / 802973	34oz/1000ml Reusable Sleeves & Hard Lids	2
DPC-606 / 802759	24oz/710ml Reusable Sleeves & Hard Lids	2
DPC-607 / 802972	9oz/265ml Reusable Sleeves & Hard Lids	2



How to Order DeKups - Filters

Part Number / Order #	Part Description	Quantity / Unit of Sale
DPC-42-K24 / 802976	24oz/34oz 125 Micron Disc Filters	24
DPC-66-K24 / 802978	24oz/34oz 200 Micron Disc Filters	24
DPC-65-K24 / 802977	9oz 125 Micron Disc Filters	24
DPC-67-K24 / 802979	9oz 200 Micron Disc Filters	24
DPC-27-K10 / 802108	200 Micron Barrel Filter	10
DPC-17-K10 / 802107	300 Micron Barrel Filter	10
DPC-14-K10 / 802106	600 Micron Barrel Filter	10



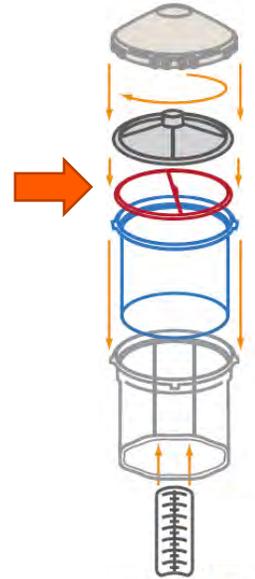
DPC-14-K10



DPC-17-K10



DPC-27-K10



24/34oz Disc Filters



DPC-42-K24

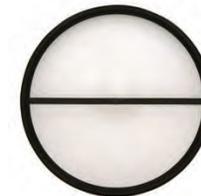


DPC-66-K24

9oz Disc Filters



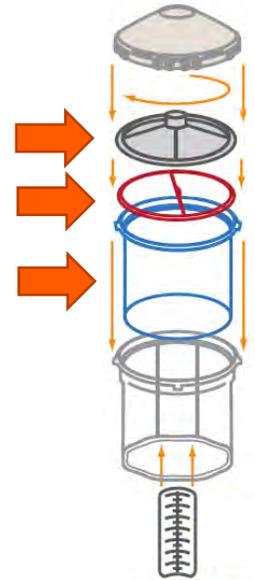
DPC-65-K24



DPC-67-K24

How to Order DeKups – Liner, Lid, & Filter Kits

Part Number	Cup Size	Disc Mesh Size	Reusable Sleeve & Hard Lid	Total Lids & Liners	Total Disc Filters	Storage Plugs
DPC-34-125-K64	34oz/1000ml	125 Micron	34oz Sleeve & Hard Lid (1 Unit)	2 boxes of 32 (64 Units)	3 boxes of 24 (72 Units)	2 bags of 10 (20 Units)
DPC-34-200-K64	34oz/1000ml	200 Micron				
DPC-24-125-K64	24oz/710ml	125 Micron	24oz Sleeve & Hard Lid (1 Unit)			
DPC-24-200-K64	24oz / 710ml	200 Micron				
DPC-09-125-K64	9oz / 265ml	125 Micron	9oz Sleeve & Hard Lid (1 Unit)			
DPC-09-200-K64	9oz / 265ml	200 Micron				



Exterior Box Label



DPC-34-200-K64



DPC-09-125-K64



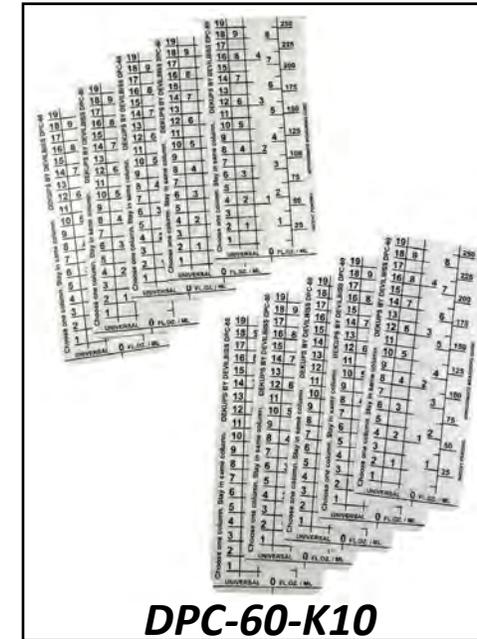
How to Order DeKups – Gun Adaptors

Part Number / Order #	Gun Manufacturers & Models
DPC-43 / 802200	DeVilbiss Full-Size Spray Guns, Sharpe Cobalt, Platinum & Titanium
DPC-23 / 802206	DeVilbiss Spot Repair Models (Including DV1S)
DPC-81 / 803420	DeVilbiss SLG Full Size Guns, Sharpe Finex 1000, 2000, 3000
DPC-64 / 802955	DeVilbiss SLG Detail Gun
DPC-26 / 802201	Accuspray Issac
DPC-10 / 802203	SATA – NR2000, RP, KLC MCB, Jet 90 Series
DPC-11 / 802204	SATA NR95, Iwata LPH-400 & W400LV, Astro GF14, 17, & 20S, Finex FX 200 & 300
DPC-13 / 802205	Sagola Models
DPC-500 / 802340	Conversion Adaptor
DPC-502 / 803238	SATA Mini, QCC & Threaded
DPC-78 / 803314	Iwata SuperNova, Air Guns, LPH300 & W300
DPC-504 / 803850	SATA QCC Full Size Guns (Replaced DPC-501)
DPC-85 / 803856	Accuspray Disposable Head Spray Gun
DPC-87 / 804517	Accuspray 2.0 Disposable Head Spray Gun
DPC-86-K1 / 804473	Iwata LPH80
DPC-69-K1 / 803120	Suction Gun Conversion Adaptor



How to Order DeKups - Accessories

Part Number / Order #	Part Description	Quantity / Unit of Sale
DPC-59-K10 / 802950	24oz/710ml Measuring Guides	10
DPC-60-K10 / 802951	9oz/265ml Measuring Guides	10
DPC-61-K10 / 802952	34oz/1000ml Measuring Guides	10
DPC-8 / 192316	Cleaning Bottle	1
DPC-44 / 802212	Cleaning Brush	1
DPC-5001 / 802185	Magnet Wall Mount Assembly	1
DPC-6-K10 / 802213	Storage Plugs	10
DPC-22-K24 / 802109	Disposable Funnels	24
BXX-1279 / 802334	Filters & Plugs Storage Container	1



Additional Tools

Online DeKups Savings Calculator

DeKups Savings Calculator

Home : Support : [DeKups Savings Calculator](#)



DeKUPS
by DeVilbiss

Proposal Date:

Company Name*:

Contact Name*:

Email*:

cc Email:

DeKups	Description	Quantity/Box	Cost/Box	Cost/Each	Cost w/ Filter
DPC-602	9 oz - Small	32	\$ <input type="text"/>	-	-
DPC-601	24 oz - Medium	32	\$ <input type="text"/>	-	-
DPC-600	34 oz - Large	32	\$ <input type="text"/>	-	-

Competitor Products

Description	Quantity/Box	Cost/Box	Cost/Each	Cost w/ Filter
Small	<input type="text"/>	\$ <input type="text"/>	-	-
Medium	<input type="text"/>	\$ <input type="text"/>	-	-
Large	<input type="text"/>	\$ <input type="text"/>	-	-

Comparison

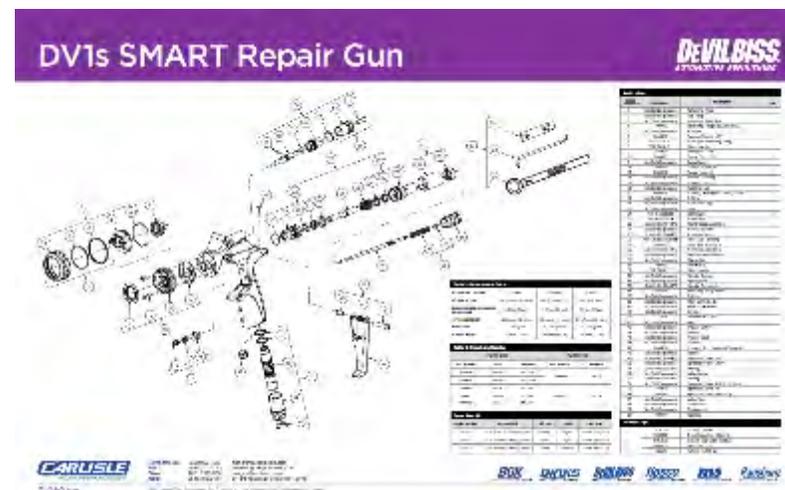
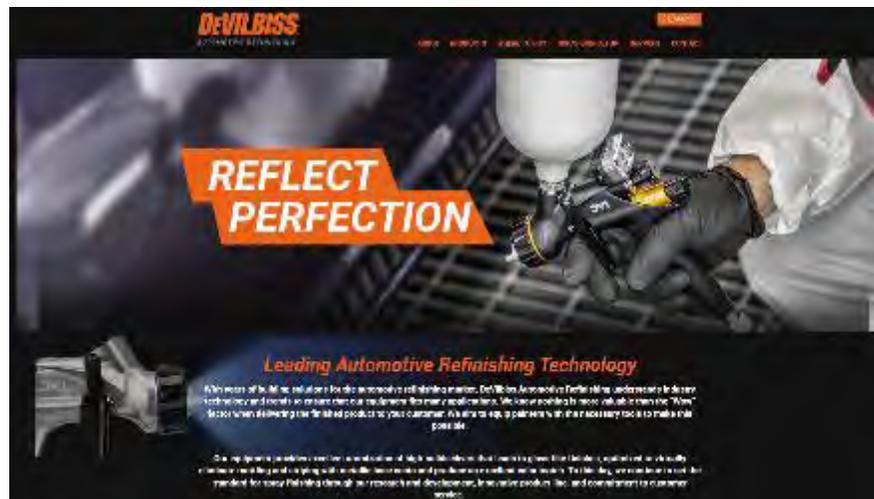
[CLICK HERE FOR LINK TO ONLINE SAVINGS CALCULATOR](#)

Paint Manufacturer Filter Size Recommendations

Paint Company	Recommended Micron Filter Sizes				
	PRIMER	SEALER	SOLVENT BASECOAT	WATERBORNE BASECOAT	CLEARCOAT
Akzo Nobel (Lesonal/Sikkens/Wanda)	200	200	125	125	125
BASF Diamont/Glasurit	200	200	200	200	200
DuPont/Spies/Standox	200	200	200	125	200
Matrix	200-400	200	200	125	200
PPG	200	200	200	125	200
Pro Spray	200	200	200	200	200
Sherwin Williams / Martin Senour	200	200	200	200	200

Resources

- Product Platform Brochures
- Product Sell Sheets
- Product Placemats
- Product Line Catalog
- DeVilbiss Refinish Website
<https://www.autorefinishdevilbiss.com/>



Questions?

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