

Diversified Products Manufacturing Inc

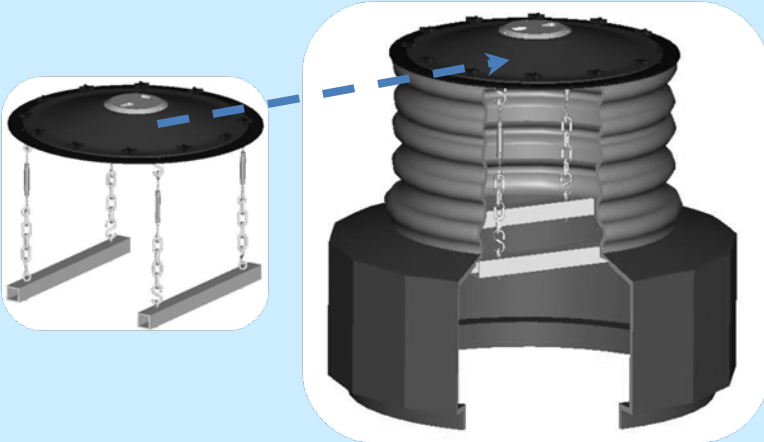


**** Manufacturer of Weaver Products ****



Is pleased to announce the ...

New Sump Lid Retrofit Kit



- **TRULY ELIMINATES WATER LEAKAGE.**
- **Our DOUBLE SEAL KEEPS YOUR SUMPS COMPLETELY DRY**

Features:

- Installs in minutes
- Rugged steel ring & cover for maximum strength
- Mechanical seals insure maximum life and tightness
- Field adjustable Clamping device
- Does not rely on glues or adhesives
- An additional safety monitoring access cover (8")
 - Eliminates the need to remove top cover,
 - Saving time & preventing injuries
- Fits sump opening from 22" to 34"
- Custom sizes available

Construction:

- Steel
- Epoxy painted

Application:

- Replacement for leaking polyethylene & fiberglass sump covers without breaking concrete



**** UST Regulations require that all components of a UST system be tested for "Product tightness" ****

Diversified Products Manufacturing Inc

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Diversified Products Manufacturing Inc Sumps and Lids for Tech Manual Rev 1

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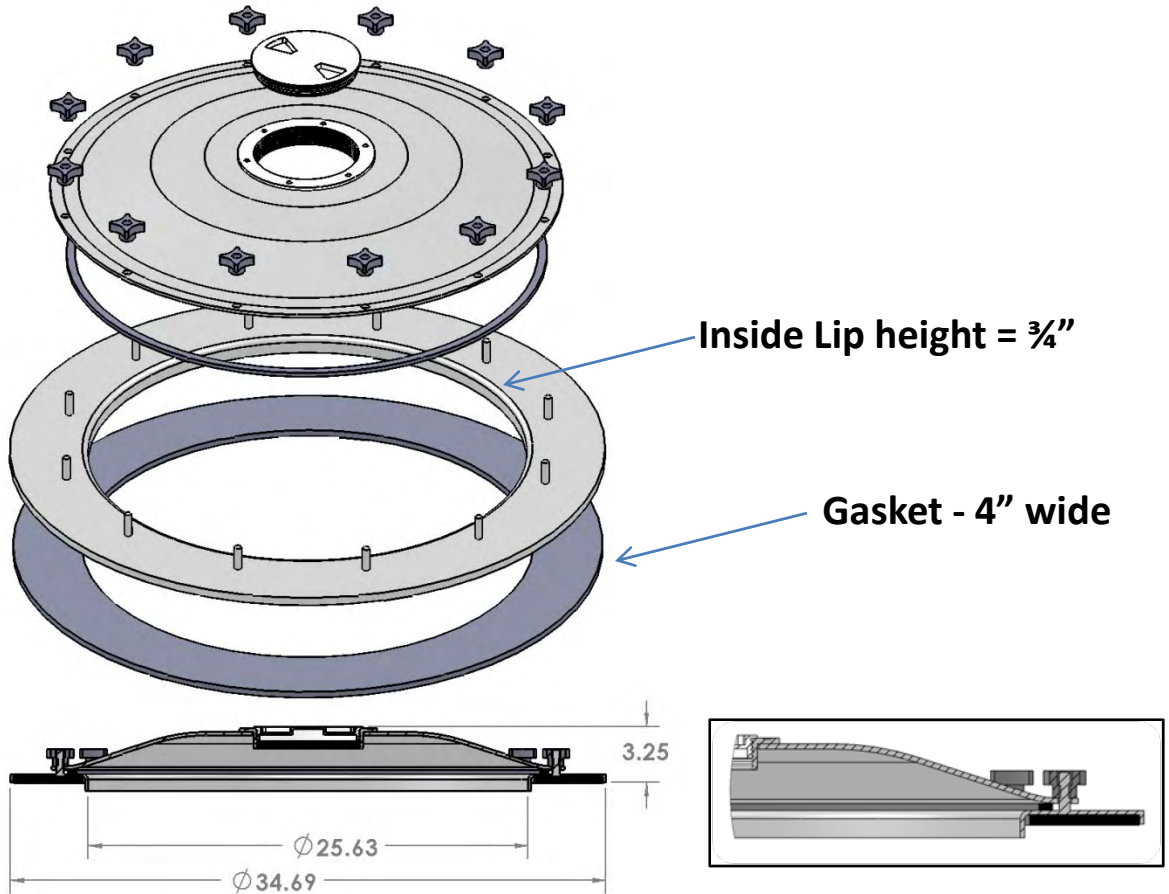


Sump Lid Retrofit Kit

Dimensional Information



Dimensional Information for largest Sump Lid: SLRK-2734



Round Sump Retro fit ring/cover size chart

Part Number	Range of sump opening	Inner Manway ID Retro Ring will fit	Height	Required height from sump to bottom of an "At grade" manway cover	Common Size Sump openings	Common Size Manway retro ring fits
SLRK-2128	20.5" TO 28.5"	29.5"	3.25"	5"	22", 26", 27"	36" & Larger
SLRK-2533	25" TO 33"	34"	3.25"	5"	27", 30", 32", 33"	36" & Larger
SLRK-2734	27" TO 34"	34.75"	3.25"	5"	27", 30", 32", 33"	38" & Larger *

* Fits some 36" manways. Check mfg specs on ring ID



Application Bulletin for Repairing Polyethylene Sumps

Many poly sumps in the industry are starting to fail. Many failures are associated with cracking or splits in thin wall sumps. This breach can lead to water intrusion into the sump and is a path for fuel to escape into the soils.

DPM has developed 3 methods to repair these sumps which may extend their life for several years.

DPM recommends that only someone trained in the use of these materials and procedures perform these repairs.

Repair Instruction for Poly sumps

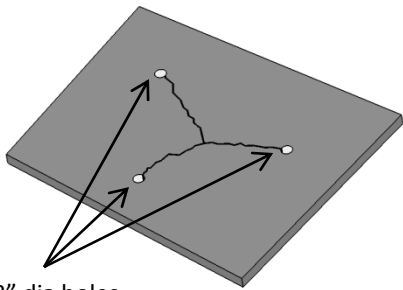
Rev 5-07-09

WARNING: DPM assumes no liability for any failure of the sump or the repair should one occur. DPM assumes no liability for pollution or any other secondary claim arising from failure of any repaired sump using these or any other procedure.

Option 1

STEP 1: Terminating the crack

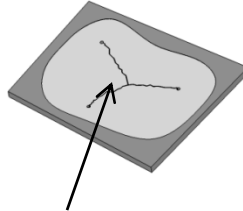
As with any repair of a cracked media the crack should be terminated by drilling a 1/8" diameter hole at the end of each crack.



1/8" dia holes

STEP 2: Clean and Sand

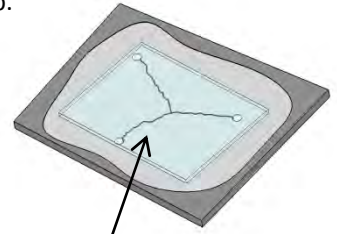
Steam clean and sand the surfaces to be repaired at least 2" beyond the crack in all directions. After sanding clean the area with DBC and let air dry or wipe dry with a clean cloth.



Sand and Clean

Step 3: Cover the crack

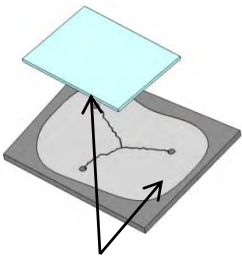
Secure a strip of polypropylene. Cut the repair strip to cover the crack a minimum of 1" of bonding area on both sides of the crack. Sand and clean the bonding surface of the repair strip.



Strip of Polyethylene

Step 4: Cold Fusion

Apply a coat of cold fusion to both surfaces and apply pressure to the repair strip.



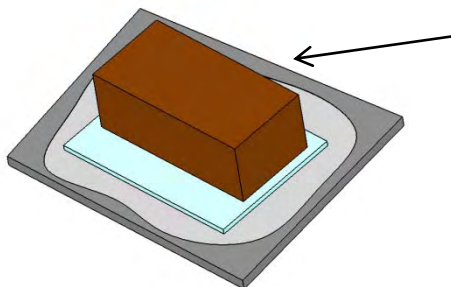
Apply cold fusion



Gun for applying cold fusion

Step 5: Applying Pressure to the repair strip

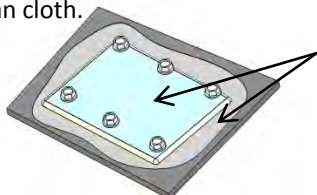
Pressure can be applied by placing weighted objects over the repair area or tek screws may be used to secure the repair strip to the sump wall. Tek screws should be used sparingly or not at all if possible.



Weight to apply pressure

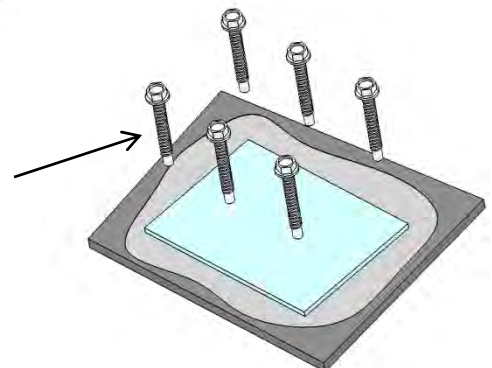
Step 6: Clean the repair area

Once the repair has been completed and the weight removed, clean the entire repaired area again with DBC and allow to air dry or wipe with clean cloth.



Clean this area

Tek screws instead of weight when needed

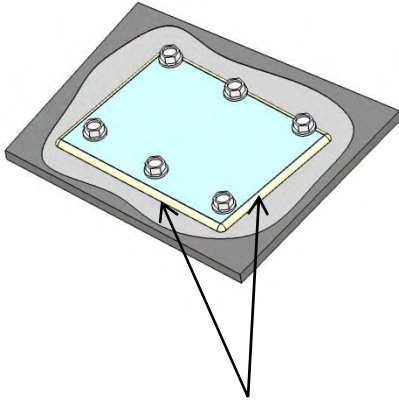


Application Bulletin for Repairing Polyethylene Sumps

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Step 7: Bond the seams

Apply a liberal amount of DBB V around the entire perimeter of the patch to bond the seams



Apply DBB V to entire perimeter

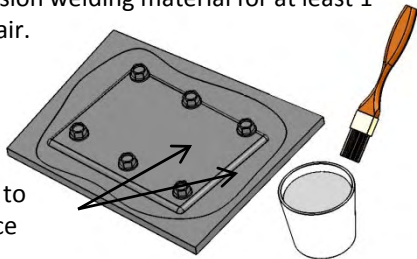
DAG III



Use this gun to apply DBB V

Step 8: Apply DBF II

Apply a liberal coat of DBF II Polysulfide liquid to the entire repaired area making sure to cover all exposed cold fusion welding material for at least 1" beyond the repair.



Apply DBF II to entire surface

NOTES:

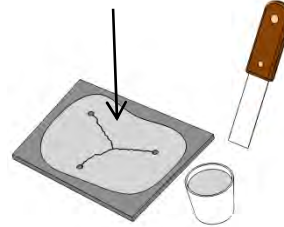
Cold fusion while an excellent bonding agent for poly is not very fuel resistant and will deteriorate over time in the presence of fuel and fuel vapors. It is therefore imperative that all exposed surfaces containing the cold fusion product be protected with DBB V then coated with DBF II Polysulfide liquid.

DBF II Polysulfide liquid may be dispensed into a small cup. A small paint brush may be used to paint the polysulfide over the repair.

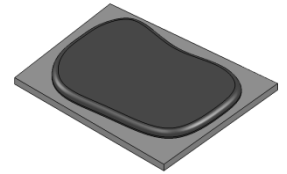
Option 2

Perform steps 1 and 2 as described in option 1. Next using a trowel or putty knife apply DRP paste over the entire area for approximately 3-4" beyond the crack.

Apply DRP Paste



Before DRP Paste



After DRP Paste

Option 3

Perform steps 1 and 2 as described in option 1. Next hot air weld the crack closed. Option 1 or option 2 may be applied after welding to enhance the repair



Hot Air Welder

Materials Required

Option 1	Option 2	Option 3
Cold Fusion	DBC Cleaner	DBC Cleaner
DBC Cleaner	DRP Paste (32 oz)	Hot Air Welder
DBB V Bonder		HDPE (welding rod)
DBF II Polysulfide		
DAG III for DBB V and cold fusion		
Polyethylene material for patch		