

PEM 'sticky' Patch

Part of the Hole Sealer Package

PEM 'sticky' Patches are manufactured to provide the user instant leak sealing opportunities for vessels afloat

Through Hole
Boat Hull Rupture



Easy to use

Apply PEM 'sticky' Patch
Straight from the pouch



Open the Pouch

PEM 'sticky' Patch
Stops low pressure leaks



Apply the Patch

PEM 'sticky' Patch™ is a elastic hydrophobic mastic patch containing a special reinforcement that provides instant leak sealing possibilities to many types of low pressure boat hull ruptures.

PEM 'sticky' Patch™ has tenacious surface tack to most types of surfaces, above or below the water-line. No mixing of chemicals or special preparation are necessary.

To use PEM 'sticky' Patch™ remove the Patch from the vacuum sealed pouch and simply smooth and compress the patch over the surface area of the leak.

PEM 'sticky' Patch™ provides immediate use opportunities in a leaking or flood situation

No preparation required, PEM 'sticky' Patches are manufactured to enable instant leak sealing opportunities for leisure persons afloat or for professional boat crews

Hole Sealer Packages
'Every Boat should have one!'



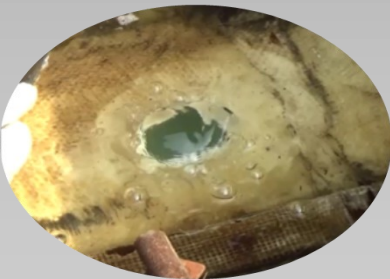
PEM 'Sticky' Patch

An Instant leak sealing solution

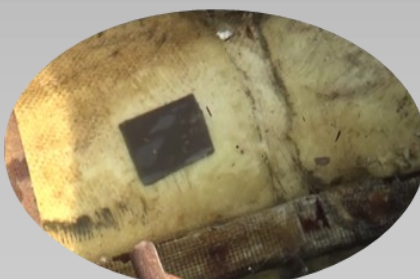
Examples of the simplicity of using the amazing PEM 'sticky' Patch

The bilge of a old motor boat making impact with a submerge rock. The impact created a through hull rupture punching holes >50mm diameter. The boat instantly started to flood with no chance of a tow to shore or opportunity to beach the boat. The owner knocked off the hole debris with a hammer and screw driver leaving a flat area to apply the PEM sticky Patch.

The through hull rupture. The shrapnel from the impact was knocked off by the owner to give a clean area to apply the PEM Patch



A PEM 'sticky' Patch was applied inside the boat (resisting the direction of the flood) and compressed by hand. The PEM Patch sealed the hole



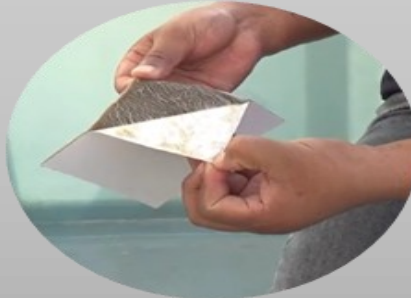
After the PEM Patch was applied the owner made sure the patches were holding before motoring back to shore.



PEM sticky Patches come in vacuum heat sealed pouches for instant use



To apply to a leak remove the backing paper to expose the tenacious PEM 'sticky' Patch



Simply apply the PEM sticky Patch over the leak and observe to ensure the Patch holds



A through hull rupture
Placing the Patch so the water force pushes the patch to the leak is the best application solution.



PEM sticky Patch applied under water. The Patch was applied to the outside of the Hull **forcing** the patch to the hull.



The same PEM sticky Patch sealing the leak. View from inside the boat.



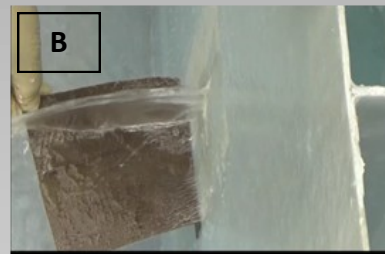
Hole Sealer - PEM 'Sticky' Patch

An Instant leak sealing solution

PEM 'sticky' Patch™ is a non hardening and non curing, hydrophobic patch that provides tenacious adhesion to most surfaces. PEM 'sticky' Patch™ is manufactured in different sizes to cater for different application challenges. The user is able to cut and trim PEM 'sticky' Patch™ with scissors or model knife prior to use, or use the entire PEM Patch.

To use the PEM sticky Patch simply remove the protective release paper on the bottom of the Patch to expose the sticky surface. PEM sticky Patch is manufactured to provide the user instantaneous opportunity to seal a leak, simply compress the Patch over the leak area.

Photo **A** below illustrates the PEM Patch sealing a bulkhead leak from the outside. Photo B illustrates the same PEM patch being removed and reapplied. PEM 'sticky' Patch™ can be applied, removed and reapplied to get things right to stop a leak. PEM Patch is highly versatile!

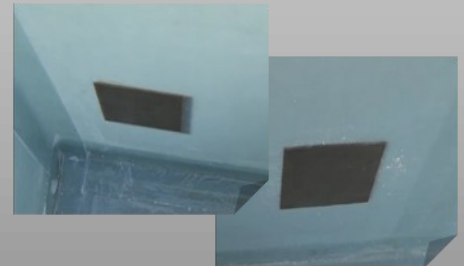
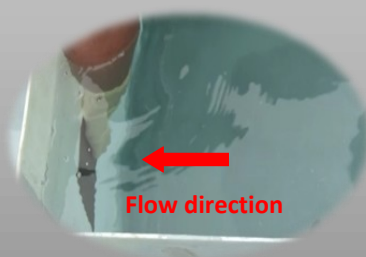


The following information will help the user to get the best from PEM 'sticky' Patches™ in a leaky or emergency boat flood situation: Preparing a good clean surface for the PEM Patch will be helpful to achieve a successful leak stopping application. **Oil, grease and loose coating material** may influence the interface tack of the PEM Patch to the surface of the leak area. Try to remove as much influential matter on the surface of the leak area as possible.

Abrade around the leak area to remove any loose coating that may influence the bond to the boat hull. (Abrasives pad is provided)

Placing the Patch to the source of the leak is preferred as the Patch is **forced** against the Boat Hull.

Placing a PEM Patch both sides of a leak is the best sealing solution (if it is possible to access and safely apply the patch)



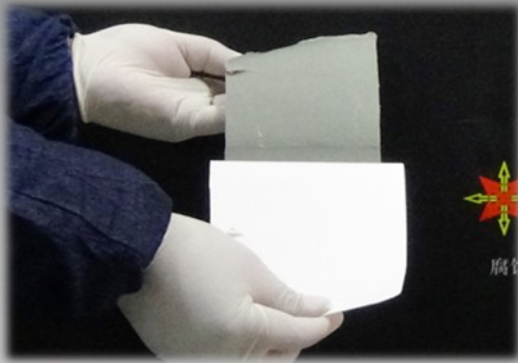
Hole Sealer - PEM 'Sticky' Patch

An Instant leak sealing solution

Using PEM sticky Patch can avoid the situation in the photo below

PEM sticky Patch and the Hole Sealer range of leak sealing products are inexpensive to store on board and provide rapid hole sealing solutions.

Expensive to salvage
Expensive to repair
Increased insurance premiums

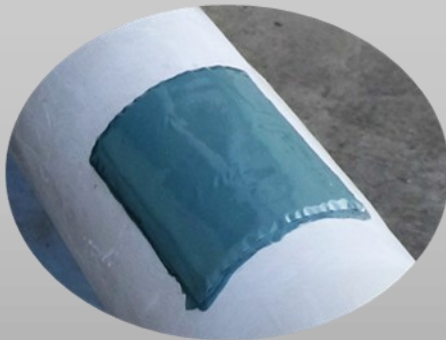


The Alternative



PEM 'sticky' Patches™ are manufactured for different temperature applications. PEM sticky Patches for Boats afloat are supplied for PEM 'Ambient' suitable for Emergency leak sealing applications up to 60° Centigrade. Higher Temperature PEM is manufactured as leak sealing gaskets and available on request.

PEM sticky Patch has tenacious adhesion to most clean surfaces.



Using a compression strap over a PEM Patch to stop a high pressure pipe leak can be highly effective



A permanent repair can be achieved by using Hole Sealer - UV Patch over the PEM sticky Patch

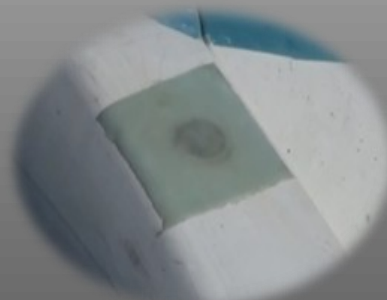


Hole and leak sealing products in the Hole Sealer Range

Hole Sealer Plug
Seals all holes under pressure
Above or below the waterline



UV Patch a self adhesive structural Patch. Use above or below the waterline after curing



PEM sticky Patch has tenacious adhesion to clean surfaces.
Above and below the waterline



Hole & Leak Sealer Kits - PEM 'sticky' Patch

PEM sticky Patches form part of your Leak Sealer packages
Different types of Leak Sealer Kits are manufactured for different Industries

Leak & Hole Sealer Application Options

Surfaces should be clean and free from grease, flaking paint and loose rust. Use a clean wire brush or abrasive paper as required to prepare the surface. PEM sticky Patch requires minimum surface preparation and will bond to most surfaces (except silicone, oil and grease) when compressed, even when wet.

Low Pressure Leaks

Depending on the type of leak and the leak pressure **An immediate leak stopping technique** may be considered by using PEM sticky Patch and a compression strap directly over the leak area (**Photo P1**). Sealing the leak will provide opportunity to dry, clean up and to prepare the pipe for a permanent repair application.

A permanent repair using the same PEM sticky Patch is illustrated in **Photo P2** using the UV Patch that are included in Leak Sealer Packages.

The UV Patch and UV Wraps also reinforce the pipe after curing in addition to protecting the PEM Patch from the surrounding environment. **Photo P2** illustrates a PEM Patch and UV Patch as a completed structural permanent repair application.

Photo P3 illustrates the UV Patches

Leak Sealer Kits include a set of UV curing Patches.

Photo P4 - A PEM 'sticky' Patch application

Hole Sealer Packages 'Every Boat should have one!'



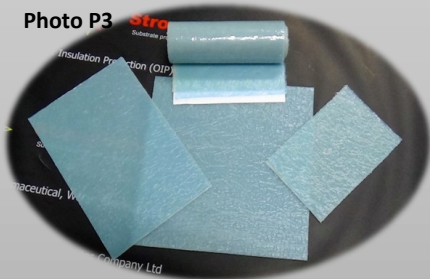
Type-1 PEM Patch with a Compression strap



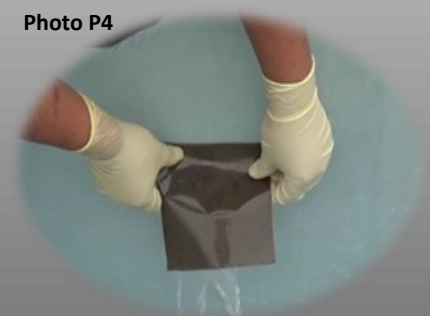
A completed repair PEM Patch with UV curing laminate Wraps



UV Patch and UV curing Laminates



PEM sticky Patch



StrongBond Polymer Company

Web: www.Strongbondpolymer.com

Email: contact@strongbondpolymer.cn

Users of Hole Sealer products must familiarise themselves with the products and with the application techniques. Product information and application training videos are available and posted on our web-sites in addition to publication literature which is regularly updated.