

# SYNTHO-GLASS®

## MARINE SOLUTIONS

### DAMAGE CONTROL EMERGENCY REPAIR KITS



#### Description

Required damage control locker inventory for the U.S. Coast Guard and the U.S. Navy. Syntho-Glass® provides a fast, reliable, and durable solution in emergencies. Each kit contains enough material to repair several leaks in hoses, onboard piping, and hydraulic lines, or make temporary repairs to mechanical equipment. In addition, our Emergency Repair Patches will repair hull damage to ensure a safe trip home. Works with fiberglass, steel, or aluminum boats, in freshwater, brackish water, or saltwater, and can be applied above or below the water line.

Medium Damage Control Kit for Vessels < 29'	Large Damage Control Kit for Vessels > 30'	XL Damage Control Kit for Vessels > 50'
Kit #: MarineEmergMed	Kit #: MarineEmergLg	Kit #: MarineEmergXL
SP635	(2) SP635	(2) SP635
UP930ME	UP930ME	SP945
NP930ME	UP415ME	UP930ME
SS07	NP930ME	UP415ME
Watertight Safety Container	NP415ME	UP430ME
	(2) SS07	NP930ME
	Watertight Safety Container	NP415ME
		NP430ME
		(3) SS07
		Watertight Safety Container

\*Custom kits available upon request. See back for kit descriptions.

#### Typical Applications

- Water, fuel, or bilge pump leaks
- Fuel or water tank leaks
- Hull breaches or damage

#### Benefits

- Ready to use
- Heat resistant
- Effective, time-saving
- No mixing and no mess
- Sets rock hard
- Approved for potable water

**“Saved an entire Alaskan King Crab fishing season.”**

– Jim Stone, Captain of the Retriever  
Discovery Channel's *Deadliest Catch*




This kit will give you the opportunity to repair a leak temporarily or permanently to ensure your safe arrival home.




## SYNTHO-GLASS® Description

Syntho-Glass is the original, patented fiberglass pre-impregnated composite that is activated by saltwater or freshwater. Packaged in a hermetically sealed foil pouch, it is ready to use and does not require any measuring or mixing. This system, when used with the appropriate primary patch, enables you to repair and reinforce virtually any diameter pipe in minutes. Syntho-Glass not only restores a pipe to its original PSI rating, but actually can make the repair area stronger than the original pipe, plus it reduces downtime, saving you thousands in parts and labor. With an initial setting time of only 30 minutes (75°F), Syntho-Glass is excellent on copper, steel, SS, PVC, FRP, clay, concrete, rubber, and more. It is safe to use, nontoxic, noncombustible, and odorless. Syntho-Glass is a versatile solution for when quick-action repair can be critical.

## SYNTHO-GLASS® UP Description

Syntho-Glass® UP Repair System was specifically designed for under pressure repair. By combining the original Syntho-Glass product with the extremely chemically resistant Syntho-Steel™ and unique Pressure Sealing Rubber Tape, this system offers the geometric flexibility to repair joints, tees, couplings, and pinholes. This complete system simplifies the application process and is prepackaged to accommodate pipes up to 10 inches in diameter. Larger repair applications can be engineered to meet your requirements. 


## SYNTHO-GLASS® NP Description

Syntho-Glass® NP Repair System was specifically designed for depressurized repair. By combining the original Syntho-Glass product with the extremely chemically resistant Syntho-Steel, this system offers the geometric flexibility to repair joints, tees, couplings, and pinholes. This complete system simplifies the application process and is prepackaged to accommodate pipes up to 10 inches in diameter. Larger repair applications can be engineered to meet your requirements. 

## SYNTHO-PLUG Description

Syntho-Plug™ is a urethane impregnated, water-activated foam plug used to temporarily repair hull damage to ensure a safe trip home. It is initially pliable to insert into void and quickly hardens to seal the void. Works with fiberglass, steel, or aluminum boats, in freshwater, brackish water, or saltwater, and can be applied above or below the water line.

## SYNTHO-STEEL Description

Syntho-Steel is a two-part, steel reinforced epoxy putty. It cures in minutes and can repair most anything made of metal, masonry, wood, ceramic, glass, and plastic. Syntho-Steel contains no solvents and is nontoxic and easily prepared for application. Unlike liquid epoxies, Syntho-Steel will not drip or sag, and will set on wet surfaces. 

Kit #	Description
UP520ME	Repair Kit for up to 1" OD Pressurized
UP930ME	Repair Kit for up to 2" OD Pressurized
UP415ME	Repair Kit for up to 4" OD Pressurized
UP430ME	Repair Kit for up to 6" OD Pressurized
UP650ME	Repair Kit for up to 10" OD Pressurized
NP520ME	Repair Kit for up to 1" OD Non-pressurized
NP930ME	Repair Kit for up to 2" OD Non-pressurized
NP415ME	Repair Kit for up to 4" OD Non-pressurized
NP430ME	Repair Kit for up to 6" OD Non-pressurized
NP650ME	Repair Kit for up to 10" OD Non-pressurized
SP635	Syntho-Plug 2.5" Repair Plug
SP945	Syntho-Plug 3.25" Repair Plug
SS07	Steel Reinforced, Two-part Putty Stick 7" (4.25 oz. ea.)

## UP Kit Contents

- Step-by-Step Instructions
- Sanding Cloth
- Solvent Cleaning Wipe
- Protective Gloves
- Syntho-Steel Putty
- Pressure Sealing Rubber Tape
- Syntho-Glass
- Compression Film

## NP Kit Contents

- Step-by-Step Instructions
- Sanding Cloth
- Solvent Cleaning Wipe
- Protective Gloves
- Syntho-Steel Putty
- Syntho-Glass
- Compression Film

## Kit Contents

- Step-by-Step Instructions
- Protective Gloves
- Syntho-Plug

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