

# PROCESS PIPING EMERGENCY LEAK REPAIR

## Emergency Leak Repair

- Simple installation
- Can be performed in-house or by contractor
- Tool crib inventory with 24-month shelf life
- Ideal for use with NRI's Engineered Composite Repair (ECR) systems

## ECR Systems

Use NRI's leak sealing technology to stop emergency leaks, then submit an Engineering Assessment Form to overwrap the repair with one of NRI's ECR systems, and as per ASME PCC-2.

Whether you're looking for an emergency stop-gap or a complete ECR system, our engineering team can help you achieve your goals.



## Syntho-Glass UP Kits, Live Leak Repair

### Description

This system combines Syntho-Glass with the extremely chemically resistant Syntho-Steel and our unique Pressure Sealing Rubber Tape.

### Typical Applications

Leak repair on joints, pinholes and cracks.

### Benefits

- Seal live leaks  $\leq 60$  psi (4.1 bar),  $\leq 300$  psi (20.6bar) once cured
- Simple application, no mixing and no mess
- Effective, time-saving, sets rock hard in minutes
- Pre-packaged to accommodate pipes  $\leq 10$ " OD
- Syntho-Steel sealant is NSF61 / BS6920 approved for potable water

**Limitations:** Temporary repair. Can be used in conjunction with an NRI composite

**Application Temperature:** 32° to 150°F (0° to 65°C)

**Operating Temperature:** -50° to 150°F (-45° to 65°C)

## Composite-Clamp

### Description

Powder coated carbon steel clamps with internal rubber patch used to seal leaks on pipes in conjunction with our engineered composite systems.

### Typical Applications

Leak sealing

### Benefits

- 5 clamp sizes (2, 3, 4, 6 and 8" OD) and can be linked to accommodate pipes  $\leq 24$ " OD
- Ductile and conformable steel
- Seals live leaks  $\leq 250$  psi (17.2 bar)
- Very low profile making composite overwrap easy

**Limitations:** Must be used in conjunction with an NRI composite