

3X ENGINEERING

ONLINE LEAK SEALING SOLUTION FOR EMERGENCY TANK AND PRESSURE VESSEL REPAIR



Any designs



1,5m to 3,5m diameters



Up to 40mm defect size



Up to 30 bars



-20°C to +80°C



Oil



Gas



Water

STOPKIT® VESSEL

Patented leak sealing system for tank and pressure vessel



OIL & GAS
ONSHORE / OFFSHORE



INNOVATIVE REPAIR SOLUTIONS FOR YOUR INSTALLATIONS

STOPKit® VESSEL is a repair system for tank and pressure vessel able to seal a leak online in few minutes.

This emergency and temporary solution is available under 4 references depending on the environment and the pressure vessel size.

STOPKit® VESSEL is a patented concept made of elastomeric patch (force converter), aramid belt and innovative tightening system. The ratchet mechanism pre-tensions quickly the strap and the final tightening is performed with screws.

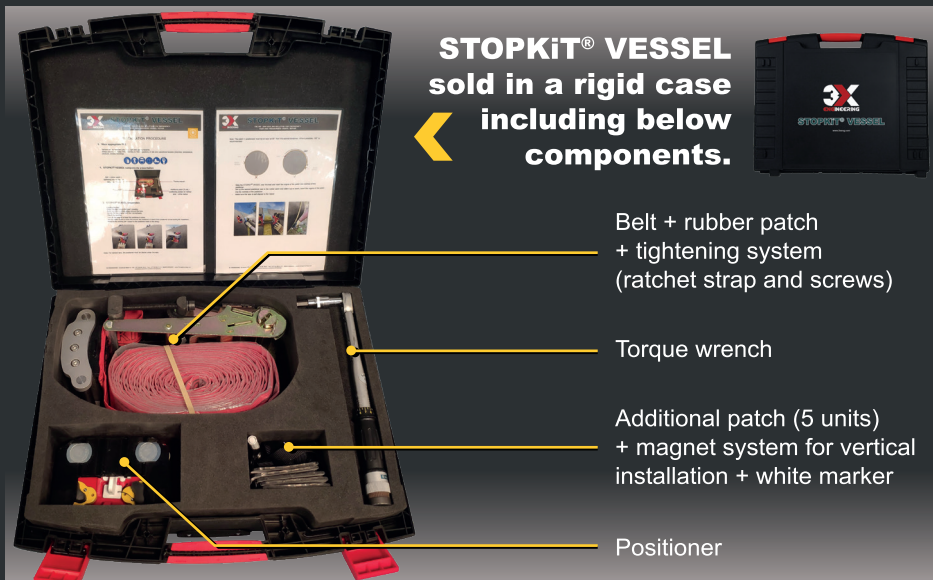
STOPKit® VESSEL RANGE

Denomination	STOPKit VESSEL 2.5 (98")	STOPKit VESSEL 3.5 (138")	STOPKit VESSEL 2.5 (98")	STOPKit VESSEL 3.5 (138")
	ONSHORE	ONSHORE	OFFSHORE	OFFSHORE
Use	ONSHORE ENVIRONMENT EMERGENCY REPAIR		OFFSHORE ENVIRONMENT EMERGENCY REPAIR	
Pressure vessel Diameter	1.5m to 2.5m	2.5m to 3.5m	1.5m to 2.5m	2.5m to 3.5m
Minimum Temperature	-20°C / 4°F			
Maximum Temperature	+80°C / +176°F			
Maximum Hole Size	Ø < 40mm			
Maximum Pressure	30 bars / 435 psi			

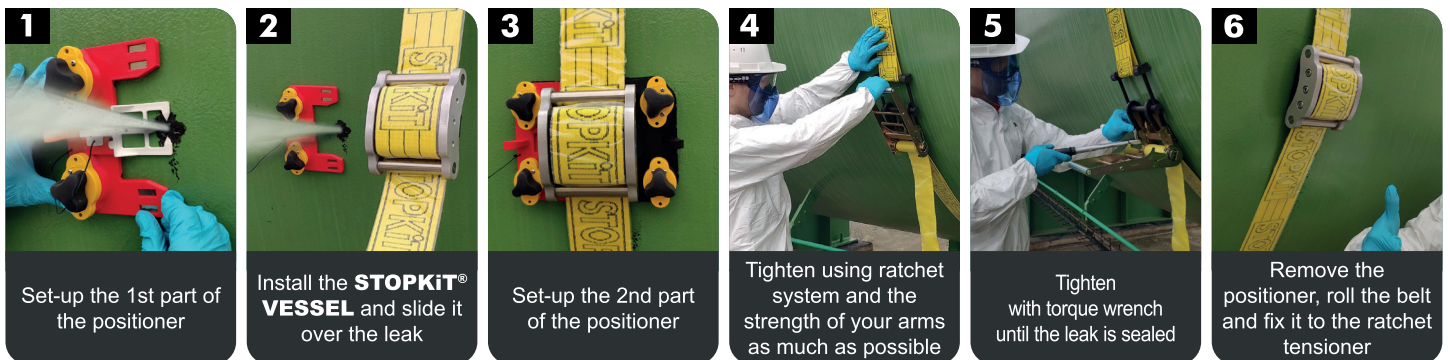
STOPKit® VESSEL MAIN FEATURES & BENEFITS

- Emergency repair system for tank, pressure vessel and column (any designs: horizontal or vertical)
- Online sealing (no shutdown or depressurization required)
- Temporary system (for long-term solution, refer to REINFORCEKit® PATCH product)
- Large range of performance (can stop a leak up to 30 bars on pressure vessels operating up to +80°C, from 1.5m to 3.5m diameters in onshore and offshore environments)
- Chemical resistant: elastomeric (HNBR) patch compatible with a wide range of chemical fluids
- Ready-to-use (the packaging includes all required tools including torque wrench)
- Reusable (delivered with 5 additional patches and possibility of purchasing spare parts)
- Fast installation by trained and certified applicators

STOPKit® VESSEL COMPONENTS



STOPKit® VESSEL IMPLEMENTATION (horizontal design*)



* For STOPKit® VESSEL installation on vertical pressure vessel, an additional step using magnet system for fixing the belt is necessary (between steps 1 and 2)