



# Magnetic Leak Patch POLYURETHANE

**Immediately stops  
unwanted substance  
leaks, for example from  
damaged steel tanks,  
containers, drums, etc.**

An extremely heat- and chemically resistant, flexible polyurethane patch with maximum magnetic adhesion to metal surfaces. It is the fastest, safest, and most effective way to immediately stop or prevent unwanted leaks, for example from punctured steel drums, tanks, containers, pipelines, and similar equipment.

Thanks to its resistance to mechanical damage, abrasion, or tearing, it is ideal for use in the oil, petrochemical, automotive, or mining industries, as well as in logistics, construction, or mechanical engineering.



- ▶ Temperature resistance:  $-55\text{ }^{\circ}\text{C}$  up to  $+110\text{ }^{\circ}\text{C}$
- ▶ High chemical resistance
- ▶ Ultra-fast deployment
- ▶ Can hold back at least 37,5 pounds of pressure (17 kg)
- ▶ Use on concave and convex surfaces
- ▶ Patented magnet encapsulation technology for enhanced sealing performance
- ▶ Available in 2 standard sizes
- ▶ Supplied in original protective carrying case to neutralize magnetic force during storage
- ▶ Complete with ratchet strap kit for secure placement under pressure
- ▶ Option to use a Teflon sheet to increase the chemical resistance of the patch
- ▶ Also available in silicone variant



- **Material:**  
Polyurethane elastomer
- **Thermal resistance:**  
 $-55\text{ }^{\circ}\text{C}$  up to  $+110\text{ }^{\circ}\text{C}$
- **Perfect chemical resistance:**  
Petroleum products, mineral oils, lubricants
- **Special features:**  
resistance to abrasion and mechanical stress
- **Areas of application:**  
Oil, petrochemical, automotive, mining industries, logistics, construction, engineering



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Fixing straps application



How to attach the strap (The red strap guide plates are held in place on the patch by its magnetic force)

Perfect adhesion



Pass-through valve allows for offloading

Examples of use

Magnetic Leak Patch with a Teflon sheet providing wider chemical resistance



Carrying case with accessories – ratchets, straps, strap guide plates



## Technical details

Magnetic Leak Patch is manufactured from High Quality Flexible Urethane with High Thermal and Chemical Resistance. Implemented High Quality Strong Rare Earth Magnets can hold guaranteed up to 37,5 pounds of pressure (17 kg). Magnetic Patch is available in 2 sizes. The smaller patch is delivered with 2 loop webbing straps, the bigger one with 4 loop webbing straps. Temperature resistance is from  $-55^{\circ}\text{C}$  up to  $+110^{\circ}\text{C}$ . Easy and quick application. It can be applied by one person by throwing, using pike pole etc. This sealing solution protects the responder by minimizing direct contact and exposure with the leaking hazardous materials. Thanks to its quick application, the patch helps minimize soil and water contamination, protecting human, animal, and marine life. Patch can be repositioned if necessary. Supplied with two adjustable ratcheting strap systems, the kit ensures the patch remains firmly secured to the damaged surface. In extreme situations, an optional Teflon sheet can be applied to the Magnetic Leak Patch to protect it from damage and improve its chemical resistance. The patch comes with a special carrying case featuring an industrial-grade zipper and insulated sides to buffer the magnetic strength of the Magnetic Leak Patch when not in use. The case also helps protect the MLP from UV light.

**Magnetic Leak Patch is also available in an unbeatable silicone version, delivering extreme resistance to heat and chemicals.**

Type	Material	Dimensions (mm)	Weight (g)
<b>MLP PUR 30</b>	polyurethane elastomer	300 × 300 × 16	3000
<b>MLP PUR 45</b>	polyurethane elastomer	450 × 450 × 16	7000
<b>MLP PUR 45 C52</b> – patch with pass-through valve	polyurethane elastomer	450 × 450 × 31	7240
<b>Standard accessories</b>			
Carrying case: <b>MLP PUR 30</b>		410 × 410 × 110	1120
<b>MLP PUR 45</b>		550 × 550 × 110	2300
<b>2pcs ratcheting strap system</b>			930/pc.
<b>4pcs strap guide plates</b>			70/pc.
<b>Optional accessories at extra cost</b>			
<b>Ball valve</b>			
<b>Chemical hose with C52 coupling</b>			
<b>STORZ Elbow C52</b>			
<b>Teflon sheet for MLP PUR 30</b>		585 × 585	
<b>MLP PUR 45</b>		810 × 810	

