

Fire brigade
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Magnetic Leak Patch SILICONE

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

An extremely heat- and chemically resistant, flexible patch made of special addition-cured silicone 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 the complete health safety of the silicone material, the patch is ideal for use in healthcare, laboratories, paint shops, heating plants, as well as in the food, pharmaceutical, and electronics industries.



- ▶ Extreme temperature resistance: -80°C up to +280°C
- ▶ High chemical resistance
- ▶ Also suitable for paint shops (addition-cured silicone)
- ▶ Ultra-fast deployment
- ▶ Can hold back at least 37,5 pounds of pressure (17 kg)
- ▶ Use on concave and convex surfaces
- ▶ **Antistatic version available**
- ▶ 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 polyurethane variant



- **Material:**
Special addition-cured silicone elastomer
- **Extreme thermal resistance**
-80°C up to +280°C
- **Perfect chemical resistance:**
Alkaline substances, diluted acids, oxidants, alcohols, glycols, vegetable and animal oils, fats
- **Special features**
Suitable for paint shops, highly resistant to UV radiation, ozone, frost, and high temperatures
- **Areas of application:**
Food, pharmaceutical, medical, chemical, automotive, marine, and aerospace industries, laboratories, and raw material extraction



Patch application



Patch removal

The patch perfectly conforms to the irregularities of the damaged surface



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



Magnetic Leak Patch with a Teflon sheet providing wider chemical resistance



Technical details

The Silicone Magnetic Leak Patch is manufactured from high-quality flexible addition-cured silicone elastomer with exceptional chemical resistance and extreme thermal durability (see Chemical Resistance Certificate). 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. Thanks to the unrivalled silicone material, the operating temperature range extends from -80°C up to $+280^{\circ}\text{C}$. Easy and quick application. It can be applied by one person by throwing, using pike pole etc. This sealing solution protects the responder by minimising 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 a polyurethane variant with different temperature and chemical resistance properties.

Type	Material	Dimensions (mm)	Weight (g)
MLP SIL 30	addition-cured silicone elastomer	300 × 300 × 16	3000
MLP SIL 45		450 × 450 × 16	7000
MLP SIL 30 A	addition-cure silicone elastomer with antistatic surface treatment	300 × 300 × 16	3000
MLP SIL 45 A		450 × 450 × 16	7000
Standard accessories			
Carrying case: MLP SIL 30		410 × 410 × 110	1120
MLP SIL 45		550 × 550 × 110	2300
2pcs ratcheting strap system			930/pc
4pcs strap guide plates			70/pc
Optional accessories at extra cost			
Teflon sheet for: MLP SIL 30		585 × 585	
MLP SIL 45		810 × 810	

