magnepatch

Magnepatch Repair Panels

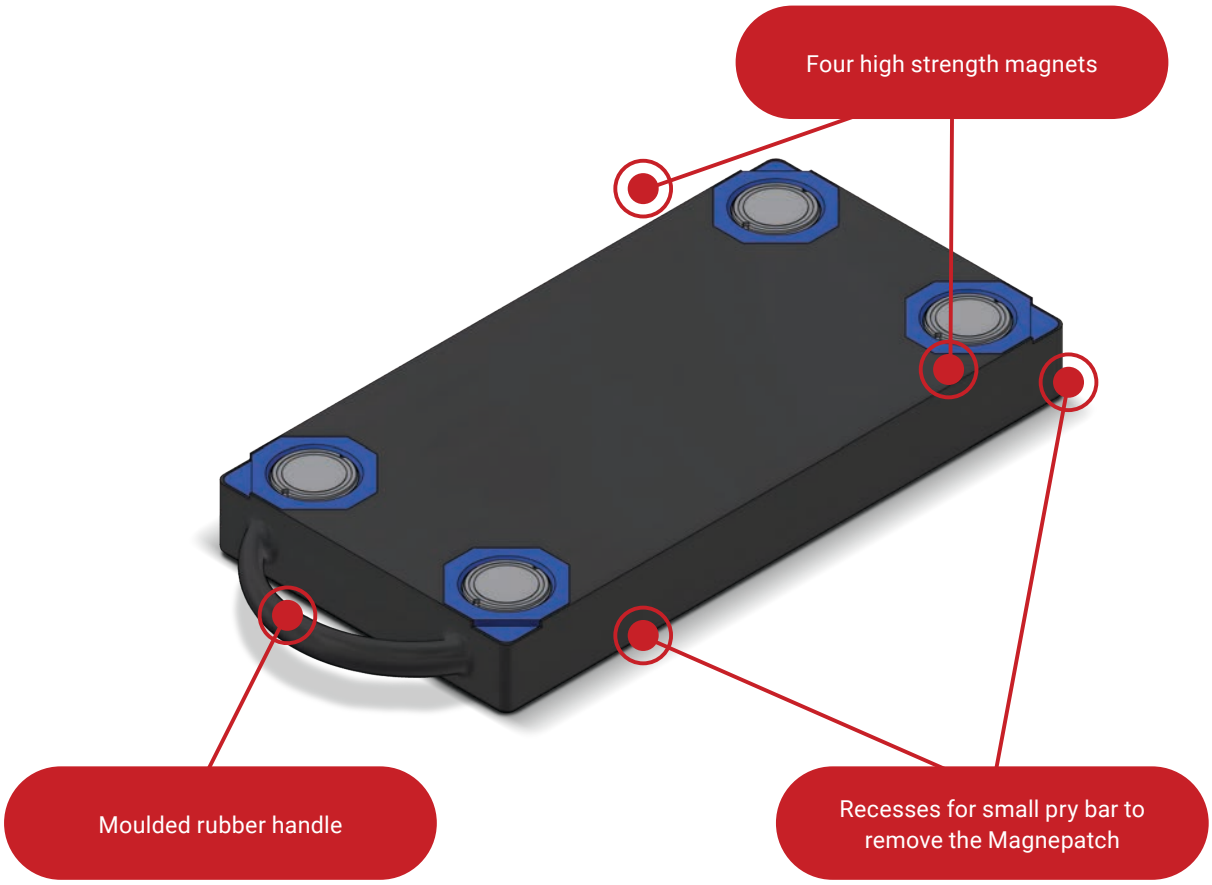
Magnepatch repair panels provide a fast and hassle-free engineering solution for temporary transfer chute repairs, for more efficient operations.

Engineered to Perform

Magnepatch Repair Panels

Magnepatch repair panels are engineered as a temporary fix for transfer chutes and other equipment that has been holed due to abrasive wear.

The Magnepatch panel can be applied over the hole on the outside of the chute withthe high strength magnets holding the panel in place over the hole. This is a temporary repair that allows production to continue until a planned maintenance shutdown.



Application

Magnepatch can be applied to any damaged equipment that has a flat steel surfacethat has been holed by abrasive wear and requires a patch to prevent spillage during operation.

Storage Recommendations

- Stock usage based on first-in first-out method (FIFO)
- Storage conditions cool, dry and out of direct sunlight
- Avoid storage in proximity to equipment that generates ozone
- Do not store with chemicals such as fuels, lubricants and solvents

Shelf Life

- In excess of 10 years when stored as per the recommendations above.

Key Features & Benefits

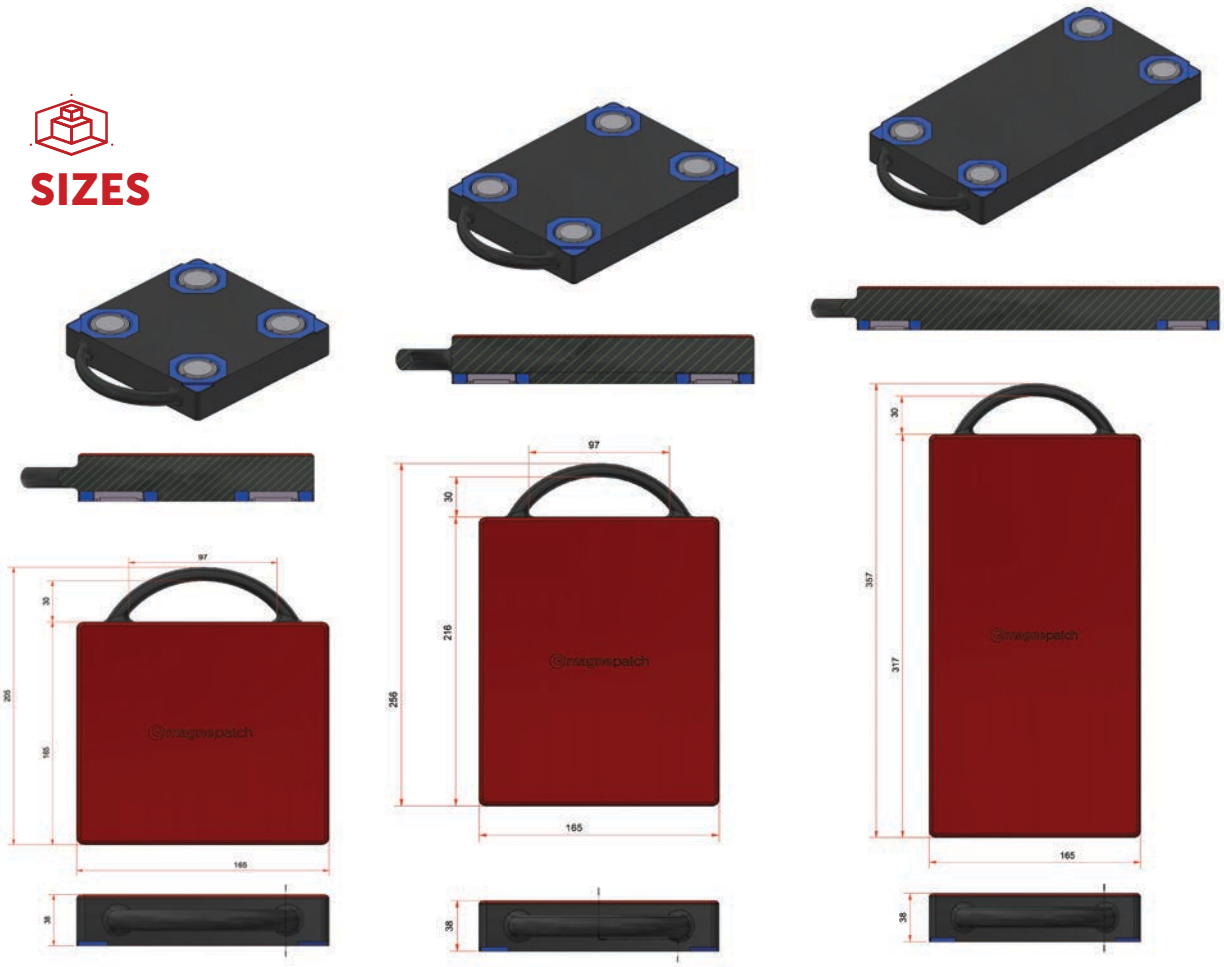
Magnepatch is a quick and effective solution for repairing chutes with holes caused by abrasive wear. Designed for easy application, it features four high-strength magnets providing over 200kg of attachment force, ensuring a secure and reliable hold. Made from a high-quality abrasion-resistant rubber compound, the Magnepatch offers superior durability in demanding environments.

- Quick and easy to apply patch for chutes that have holes due to abrasive wear
- Four high strength magnets that provide >200kg of attachment force
- High quality abrasion resistant rubber compound
- Recessed lugs on each side allow removal of the Magnepatch with a small pry bar
- Red colour outer layer that makes the installed patch highly visible
- Moulded rubber handle for easy of handling, carrying, lifting etc.

Magnepatch Available Sizes

Magnepatch is available in three convenient sizes to suit a variety of chute repair needs. Each size is designed to provide a secure fit and maximum coverage, ensuring a reliable solution for different wear points. Whether you need a compact patch for smaller repairs or a larger option for extensive damage, there is a Magnepatch size to match your requirements.

SIZES



Rubber Specifications

Typical values

	NAT
Polymer	SBR
Tensile strength (MPa) min ISO37	18.0
% Elongation min ISO37	550%
Hardness (shore A) ISO868	65+/-5
Abrasion resistance max vol. loss ISO 4649 method A (non-rotating)	70mm^3
Heat ageing (Property change after 70°C 168hs)	Tensile strength +1% Elongation -15% Hardness 5 points
Continuous operating temperature	-40/+80°C

Ceramic Specifications

Typical values

Pysical Property	MAG-AO-95
Material Description	Aluminium aoxide 95%
Average Particle Size (micron)	<2.5
Density (g/cm^3)	3.77
Al203 Content (%)	>95
Dry Sand Abrasion ASTM G65-04 (grams)	<0.11

Magnepatch specifications

SIZE	CODE	WEIGHT (kg)
165 x 165 x 38 mm	MPH-N-165-165-38-PP	1.44 kg
165 x 216 x 38 mm	MPH-N-165-216-38-PP	1.88 kg
165 x 357 x 38 mm	MPH-N-165-317-38-PP	2.56 kg
165 x 165 x 38 mm	MPH-NCT-165-165-38-PP	1.54 kg
165 x 216 x 38 mm	MPH-NCT-165-216-38-PP	2.11 kg
165 x 357 x 38 mm	MPH-NCT-165-317-38-PP	2.78 kg

magnepatch™

An elastotec™ brand

+61 (0)2 8987 1922

sales@elastotec.com.au

elastotec.com.au

61 Somersby Falls Rd,
Somersby NSW 2250, Australia

2025 All Rights Reserved © Elastotec Pty Ltd.