KINDER
EXPERIENCE INNOVATION PRODUCTIVITY

K-Magnaseal

Safe, Effective and Environmentally Friendly Hazard Control

K-Magnaseal can quickly, safely and permanently stop hazardous leaks instantly. Due to its ease of application, this sealing solution protects the responder by minimising direct contact and exposure with the leaking hazardous materials.

K-Magnaseal can be effectively applied before emergency response teams arrive. This minimises long wait time, human exposure to the leaking chemical, environmental exposure and loss of valuable product.

K-Magnaseal is manufactured from unique and patented Rare Earth Magnets and Urethane. This combination protects the magnet from direct heat, cracking, rusting, sparking, leading to other potential dangers.

K-Magnaseal - Leak Patch
A high strength, high chemical resistant, magnetic, flexible urethane patch that can hold guaranteed up to 25 psi of pressure and temperature resistance of 200° C.
Available in 5 sizes, - it comes with built in "D" rings and straps. Available in different sizes starting at 203mm x 203mm (8" x 8") and up to 914mm x 914mm (36" x 36").

Suitable Applications

- Derailed rail car / pipeline.
- Corroded tank / Punctured barrel.
- Aluminium or Plastic (Non-Ferrous) Vessels - *D rings and straps can be used for these applications.*

Suitable Industries

- Fire / Emergency Response.
- Hazardous Materials.
- Bulk Materials Handling.

K-Magnaseal - Drain Cover
A flexible, ultra-thin, high chemical resistant drain cover that stays in place during high liquid flow. Available in 4 sizes, it comes in low strength magnetic or non-magnetic option.

INQUIP
BULK MATERIAL & DUST HANDLING
PRODUCT » DENSITY » FLOW
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ABN 15 130 794 151

KINDER K™
EXPERIENCE INNOVATION PRODUCTIVITY

K-Magnaseal

K-Magnaseal is Strong and Flexible

CONCAVELY

+

CONVEXLY

Application & Removal

Leak Patch Pressure Test

Part Number	Description	mm	Inch	Weight kgs
K-LP050008M	High Strength Leak Patch	203mm x 203mm x 16mm	8" x 8" x 5/8"	2.3
K-LP050012M	High Strength Leak Patch	305mm x 305mm x 16mm	12" x 12" x 5/8"	4.5
K-LP050018M	High Strength Leak Patch	457mm x 457mm x 16mm	18" x 18" x 5/8"	13.6
K-LP050024M	High Strength Leak Patch	610mm x 610mm x 16mm	24" x 24" x 5/8"	22.7
K-LP050036M	High Strength Leak Patch	914mm x 914mm x 16mm	36" X 36" x 5/8"	40.9
K-DC010008M	Magnetic Drain Cover	203mm x 203mm x 3.2mm	8" x 8" x 1/8"	0.5
K-DC010012M	Magnetic Drain Dover	305mm x 305mm x 3.2mm	12" x 12" x 1/8"	1.4
K-DC010024M	Magnetic Drain Cover	610mm x 610mm x 3.2mm	24" x 24 " x 1/8"	4.5
K-DC010036M	Magnetic Drain Cover	914mm x 914mm x 3.2mm	36" x 36" x 1/8"	6.8
K-SC000036M	Non-Magnetic Drain Cover	914mm x 914mm x 1.6mm	36" x 36" x 1/16"	2.3

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CHEMICAL CAPABILITY REFERENCE DATASHEET

The test method used was ASTM 903 which is the standard test method for resistance of materials used in testing chemical protective outfitting to the penetration by liquids. Testing was performed from June 14th through to June 22nd, 2018. The following Table summarises the test results data.

CHEMICAL TESTED	Permeation Time (minutes)	Penetration (Yes/No)	Discoloration (Yes/No)	Deformation (Yes/No)	Degradation (Yes/No)
Acetic Acid, glacial, 100%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Acetone, 99.8%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Acetonitrile, 99.0%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Ammonium Hydroxide, 30%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Aniline, >99%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Calcium Hypochlorite, 10%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Carbon DiSulfide, 99%	> 480	No = Pass	No = Pass	Yes = Pass	Yes = Pass
Chlorobenzene, >99.5%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Dichloromethane, 99.6%	> 480	No = Pass	No = Pass	Yes = Pass	Yes = Pass
Diesel Fuel	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Diethylamine, >99.5%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Dimethylformamide,>99%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Ethyl Acetate, >99.8%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Formaldehyde, 37%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Gasoline (unleaded)	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Hexane, >95%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Hydrochloric Acid, 32%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Hydrogen Peroxide, 15%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Methanol, 100%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Nitric Acid, 70%	Test stopped at 300 minutes & reported Inconclusive	No	Yes (However, Must Use Teflon Gasket)	Yes (However, Must Use Teflon Gasket)	Yes (However, Must Use Teflon Gasket)
Nitrobenzene, 99%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Phenol, 90%	> 480	No = Pass	No = Pass	Yes = Pass	Yes = Pass
Phosphoric Acid, 85%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Sodium Hydroxide, 50%	> 480	No = Pass	No = Pass	No = Pass	No = Pass
Sulfuric Acid, 96%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Tetrahydrafuran, 99%	> 480	No = Pass	No = Pass	No = Pass	Yes = Pass
Toluene, >99.5%	> 480	No = Pass	No = Pass	No = Pass	No = Pass

LEGEND *No Adverse Reaction* *Moderate Deformation or Degradation*

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