

Installation Instructions: K-Magnaseal

Kinder Australia Product:	K-Magnaseal
Product Category:	Magnetic Wear, Repair & Seal
Issue Date:	10/07/25
Revision:	0

Procedure:

1. Ensure K-Magnaseal is kept safely and clean, in protective case, at all times, when not in use.
2. Do not handle K-Magnaseal if you have a pacemaker.
3. Do not place electronic items such as a cell phone, computer or card with a magnetic strip directly on top or near K-Magnaseal.
4. When handling K-Magnaseal, keep fingers clear of space between K-Magnaseal and ferrous object.
5. Be aware that K-Magnaseal's magnetic pull will pull it toward any ferrous objects in its vicinity.
6. When applying K-Magnaseal, use the provided straps, D rings or handles (depending on your product).
7. K-Magnaseal cannot be slid horizontally or vertically, it must be removed and then repositioned.
8. To remove or reposition K-Magnaseal, place fingers at corner (where there is no magnet) or use strap, and peel at a 45 degree angle away from the ferrous object.



9. K-Magnaseal cannot be removed or repositioned by pulling on the straps laterally (side to side) or medially (towards yourself). It must be peeled at a 45 degree angle.
10. Do not try to pull K-Magnaseal off using any kind of machinery.
11. K-Magnaseal can withstand temperatures up to 200 degrees Celsius.
12. K-Magnaseal can be used in extreme cold temperatures as long as it is stored in a heated area before application. Once the K-Magnaseal is exposed to extreme cold it will lose flexibility but not strength.
13. K-Magnaseal will discolor if exposed to long term UV however that will not interfere with its performance.
14. K-Magnaseal cannot be cut, layered, overlapped or reshaped in any way.

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15. Teflon sticker is used when increased protection is needed against chemicals where the performance of K-Magnaseal is not already known (all known interactions are listed on the Chemical Compatibility sheet available on the website).

16. Teflon sticker should not be pre-applied on K-Magnaseal but rather applied only when needed. K-Magnaseal with Teflon sticker will have a more slick surface area. This will then decrease the urethane's contact with the surface which helps bind it to the vessel.

Mandatory Requirements:

All products must be registered by end user by going to www.neothane.com

All users of K-Magnaseal products **MUST** read through the Operating Manual and be trained on its use. The condensed information sheets must be kept in the K-Magnaseal's case pocket and on site when this product is in use.

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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
Tetrahydrofuran, 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	