The Reynolds® Handi-Vac™: First Impressions

What it is
The Reynolds® Handi-Vac™ was designed as an inexpensive alternative to home food sealing systems.

How it works
The item to be sealed is placed inside a zip-closure polyethylene bag, the bag is sealed, and the air is sucked out. Under optimal conditions, the seal can last months. In practice, it must be checked periodically.

Conservation Applications
- Removal of stains and residues from leather and paper
- Packing of wet books to delay mold growth
- Controlled drying
- Stabilization of damaged books for transport or storage
- On-site work
- Substitute for traditional vacuum packer
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Advantages
- Inexpensive (~$10)
- Portable
- Battery powered (6 AA)
- Bags can be re-used a few times
- Sealing system doesn’t use heat
- Can seal items of many shapes

Disadvantages
- Seal can fail over time, especially on re-used bags
- Bags must be bought from Reynolds®
- Large size bag can only accommodate books 9-10” high

Tips
- For short term use (solvent treatment, flattening), bags can be re-used
- For long term storage, a new bag should be used each time
- Pieces of thin board can be sandwiched on either side of book for added protection, or between boards and textblock
- Dry blotter can be used to dry wet materials
- Blotter dampened with water or a solvent can be used for humidification or stain reduction

Cautions
- Quality control on bags is spotty—must check seal periodically
- System is not designed to handle flowing liquid—blotters or other absorbent material must be used to contain any liquid
- The Handi-vac™ filter chamber is soluble in acetone

For More Information

Brenna Campbell
Samuel H. Kress Fellow in Rare Book Conservation
Thaw Conservation Center
The Morgan Library & Museum
bcampbell@themorgan.org