

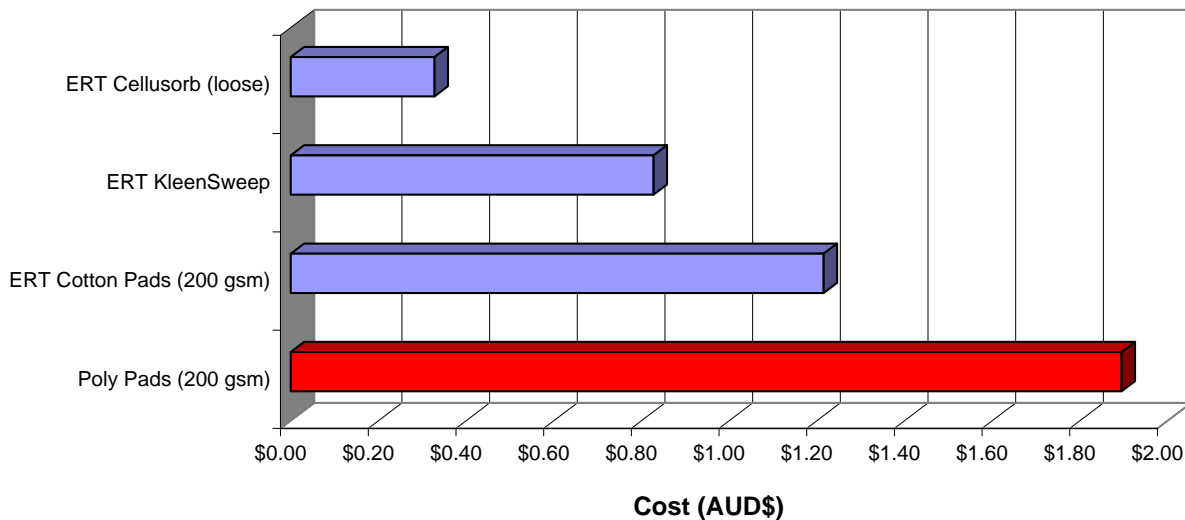
Comparison Between Melt-Blown Polypropylene Pads and Assorted Enretech Sorbents



It is a common misconception that pads are a cost-effective way to clean up spilled liquids in all situations. A simple cost-per-use analysis clearly demonstrates that particulate absorbents are far cheaper to use on a per litre basis. Synthetic pads, such as polypropylene, also tend to over-saturate upon use as they have been designed to not hold oil too tightly so the oil can be squeezed out and recovered. Unfortunately, very few users actually recover the oil as it is very messy and the cost benefit from reclaiming the oil are far outweighed by the extra costs in manpower (extra clean-up time) and extra equipment needed (ie: wringers, holding tanks). Pads do offer an ease of use as they are easier to apply (although retrieval is often messy), do not require brooms and can be used in windy areas where loose particulate can blow around.

In light of these features, pads should be used in conjunction with loose particulate absorbents for the most effective way to clean up oil or fuel spills. However, note that not only are organic cotton pads more cost effective but there are significant environmental differences between organic cotton pads and synthetic polypropylene pads whereby organic pads demonstrate superior credentials.

Material Cost to Clean up 1 Litre of Oil: Poly Pads vs Enretech Organic Sorbents



	Pack Size	Unit	RRP	Cost per unit	Oil Absorbed per unit (L)	Cost/L Oil Absorbed
Poly Pads (200 gsm)	200	41 x 51 cm	\$187.88	\$0.94	0.50	\$1.90
ERT Cotton Pads (200 gsm)	200	45 cm sq	\$186.00	\$0.93	0.76	\$1.22
ERT KleenSweep	10.0	kg	\$27.90	\$2.79	3.37	\$0.83
ERT Cellusorb (loose)	10.0	kg	\$72.50	\$7.25	22.10	\$0.33

Rev.: May 2007

Poly & cotton pad absorption capacity conducted in-house by Enretech, and are based on single use.

Retail prices as of Feb 01, 2006. Poly prices will vary between suppliers.

KleenSweep absorption capacity conducted by 3rd party lab as per method ASTM 726

Cellusorb absorption capacity conducted by 3rd party lab as per Method CGSB-183.2

Test Liquid: Used Sump Oil (approximately 25 C). Assumes BD = 0.86 g/mL