

ZapPak Dissolvable Packs for Veterinary Medical Applications

Surgical Fluid Management System for Safer Liquid Waste Disposal

ZapPak Small Procedure and Suction Canister Packs give veterinary professionals a fast, mess-free way to manage surgical fluid waste. Each pack contains a high-capacity solidifier encapsulated in water-soluble PVA film, so dosing is precise, and spillage is eliminated. The solidifier gels water-based liquid waste quickly, whether added before the procedure for faster solidification or after for accurate fluid measurement.

KEY BENEFITS OF ZAPPAK VET PACKS

- **Bottle-Free Design** - Reduces reliance on single-use plastic bottles compared to traditional bottle-based systems
- Pack can be added before or after procedure for maximum flexibility
- Rapid liquid absorption and gel formation
- High-Capacity product formulation
- Pre-dosed for specific management and disposal requirements
- Custom options available

ZAPPAK PACK APPLICATIONS

- Dental cleaning and extractions
- Small Animal Spay/Neuter
- Small mass removal/abscess drainage
- Wound debridement and cleaning
- Large breed orthopedics
- General surgery and emergency procedures

REGULATORY

Using ZapPak Packs can play an integral part in adhering to EPA guide for infectious waste management, Department of Transportation regulations for the proper transport of liquid medical waste, and OSHA Bloodborne Pathogens Standard for employee exposure.

ZAPPAK BY THE NUMBERS

Product Description	Pack Length (inches)	Pack Width (inches)	Weight (grams)	Case Quantity (Packs)
PVA01G	1.0 +/- 0.25	1.5 +/- 0.25	1 +/- 0.25	15,000
PVA03G	2.5 +/- 0.25	1.5 +/- 0.25	3 +/- 0.5	4,000
PVA05G	2.5 +/- 0.25	1.5 +/- 0.25	5 +/- 1.0	3,000
PVA09G	2.8 +/- 0.25	1.5 +/- 0.25	9 +/- 1.0	2,000
ZapPak 500	4.2 +/- 0.5	1.5 +/- 0.25	18 +/- 1.0	96 (4x24 polybags)
ZapPak 1000	6.7 +/- 0.5	1.5 +/- 0.25	36 +/- 1.5	96 (4x24 polybags)
ZapPak 1500	8.2 +/- 0.5	1.5 +/- 0.25	48 +/- 2.0	96 (4x24 polybags)
ZapPak 2000	9.5 +/- 0.5	1.5 +/- 0.25	62 +/- 2.0	96 (4x24 polybags)
ZapPak 3000	10.2 +/- 0.5	1.5 +/- 0.25	72 +/- 2.0	96 (4x24 polybags)

- Customizable pack sizes and weights available

TECHNICAL DATA

Property	Typical Value
Absorption Capacity in deionized water	300-400 g/g
Absorption Capacity in 0.9% NaCl solution	45-60 g/g
Particle Size Distribution	100-900 microns
Bulk Density	0.55-0.75 g/cm ³
Residual Monomer	1000 ppm Max.

Chemistry: Sodium Acrylate polymer

Appearance: Free flowing white granules

Storage: 3+ years in closed containers/bags stored in cool, dry conditions

Packaging: loose bulk fill in boxes, double bagged

Latex-Free: Yes

PATENT DATA

Patents	
US Pat 8,450,389 B1.pdf	US Pat 11,141,763 B1.pdf
US Pat 8,821,363 B1.pdf	US Pat 11,571,597 B1.pdf
US Pat 11,123,589 B1.pdf	US Pat 12,447,367 B1.pdf

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