



as of October 2009

Description

The family of Xen18 hydrocolloids represents the first fully integrated and 3D-crosslinked hydrocolloid adhesive validated by its US patent. The xm18c and xm18w formulations are ideal for most wound healing applications due to their outstanding absorption and their ability to mold into the shape of the wound bed. xm18o and xm18e formulations also provide ideal, thin ostomy skin adhesive skin barriers that can last over a week due to its high shear adhesion without skin damage. Xen18's uniquely long wear times combined with high shear adhesion enables many new and unique applications for hydrocolloids that are proving to be cost effective as well as functionally sound.

Attributes

- ◆ Integrated & 3-D crosslinked
- ◆ No animal components [Gles]
- ◆ Translucent on application to skin
- ◆ Excellent adhesion, especially sheer
- ◆ Combined with alginates
- ◆ Lower cost

Competitive Advantages

- ◆ World's best absorber for wounds
- ◆ No odor
- ◆ Thinner profile | lower cost
- ◆ Translucent
- ◆ Lower cost

Applications

- ◆ Wound dressings
- ◆ Ostomy adhesives
- ◆ Electrodes
- ◆ Cosmetic applications
- ◆ HiTek™ Development Platform

Functional shelf life

At least two years when stored properly

Other

- ◆ Standard sizes for low pricing
- ◆ Innovative co-development interest
- ◆ Tolerances provided upon request

Xennovate Medical Hydrocolloid Adhesives Xen18 Formulations | Typical Metrics

Attributes	Metrics [Dimensions Nominal]
<p>Standards</p> <p>Thin Z-dimension</p> <p>Standard Z-dimension</p>	<p>0.015 inches ± ~381µ</p> <p>0.025 inches ± ~635µ</p>
<p>Rolls</p> <p>X-dimension Web width</p> <p>Core dimension Roll</p> <p>Y-dimension Length</p> <p>Release liner Type</p> <p>Release liner Z-dimension</p> <p>Scrim X-dimension</p>	<p>9.25 inches ± ~23.5 cm</p> <p>6 inch ± ~15 cm</p> <p>250-450 LFT ~120-150 meters <16 inch OD</p> <p>Siliconized paper L3 release force</p> <p>0.080 inches ~20.3 mm</p> <p>9.75 inches ± ~25 cm</p>
<p>Sheets</p> <p>X-dimension Web width</p> <p>Y-dimension Length</p> <p>Release liner Type</p> <p>Release liner Z-dimension</p> <p>Release liner X-dimension</p>	<p>10.5 inches ± ~27 cm</p> <p>21 inches ± ~53 cm</p> <p>Siliconized paper or PET L3 release force</p> <p>0.080 inches ~20 mm</p> <p>10 Inches ± ~25 cm</p>
<p>PU film laminate</p> <p>Z-dimension PU film</p>	<p><i>If details needed, please request copy of supplier's specification documentation.</i></p> <p>1.1 mils ~28µ</p>