



as of January 2016

**Description**

The family of xm18 hydrocolloid adhesives represents the first fully integrated and 3D-crosslinked hydrocolloid adhesive validated by its US patent. The xm18w formulation is ideal for most wound healing applications due to its outstanding absorption and its ability to mold into the shape of the wound bed. Formulation xm18o provides an ideal ostomy skin adhesive & barrier lasting up to one week, due to its high shear adhesion without skin damage. Various xm18 formulae with uniquely long wear times and combined with high shear adhesion enables many new and unique applications to be particularly cost effective, as well as functionally sound.

**Attributes**

- ◆ Integrated & 3-D crosslinked
- ◆ No animal components [Gels]
- ◆ 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
- ◆ Skin attachments
- ◆ 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**

**xm18n Formulations | Standard Metrics**

Attributes	Metrics [Nominal Dimensions]
<b>Standards</b>	
<b>Thin   Z-dimension</b>	0.015 inches ±   ~0.381mm ±0.08mm
<b>Standard Z</b>	0.025 inches ±   ~0.635mm ±0.08mm
<b>Rolls</b>	
<b>X-dim   Web width</b>	≥ 9.25 inches ±   ~23.5 cm
<b>Core dim   Roll</b>	6 inch ±   ~15 cm
<b>Length (Y-dim)</b>	250-400 LFT   ~80-120 meters
<b>Length control</b>	16 inch (43 cm) maximum OD
<b>Release liner   Type</b>	Siliconized paper   L3 release force
<b>Release liner Z-dim</b>	0.080 inches   ~20.3 mm
<b>Scrim   X-dim</b>	9.75 inches ±   ~25 cm
<b>PU film laminate</b>	<i>If details needed, please request copy of supplier’s specification documentation.</i>
<b>Z-dimension   PU film</b>	1.1 mils   ~28μ

**XENNOVATE, LLC d/b/a XENNOVATE MEDICAL (“XENNOVATE”)**

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**Product and Safety Information:** User is solely responsible for determining the suitability of Xennovate samples and products for the intended use including any necessary safety or toxicity assessment. Product has a shelf life of two years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight and in original packaging. Xennovate will provide Material Safety

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Data Sheets and results of any toxicity testing upon request. In every case before use or production of any product users should conduct their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under appropriate operating conditions.

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