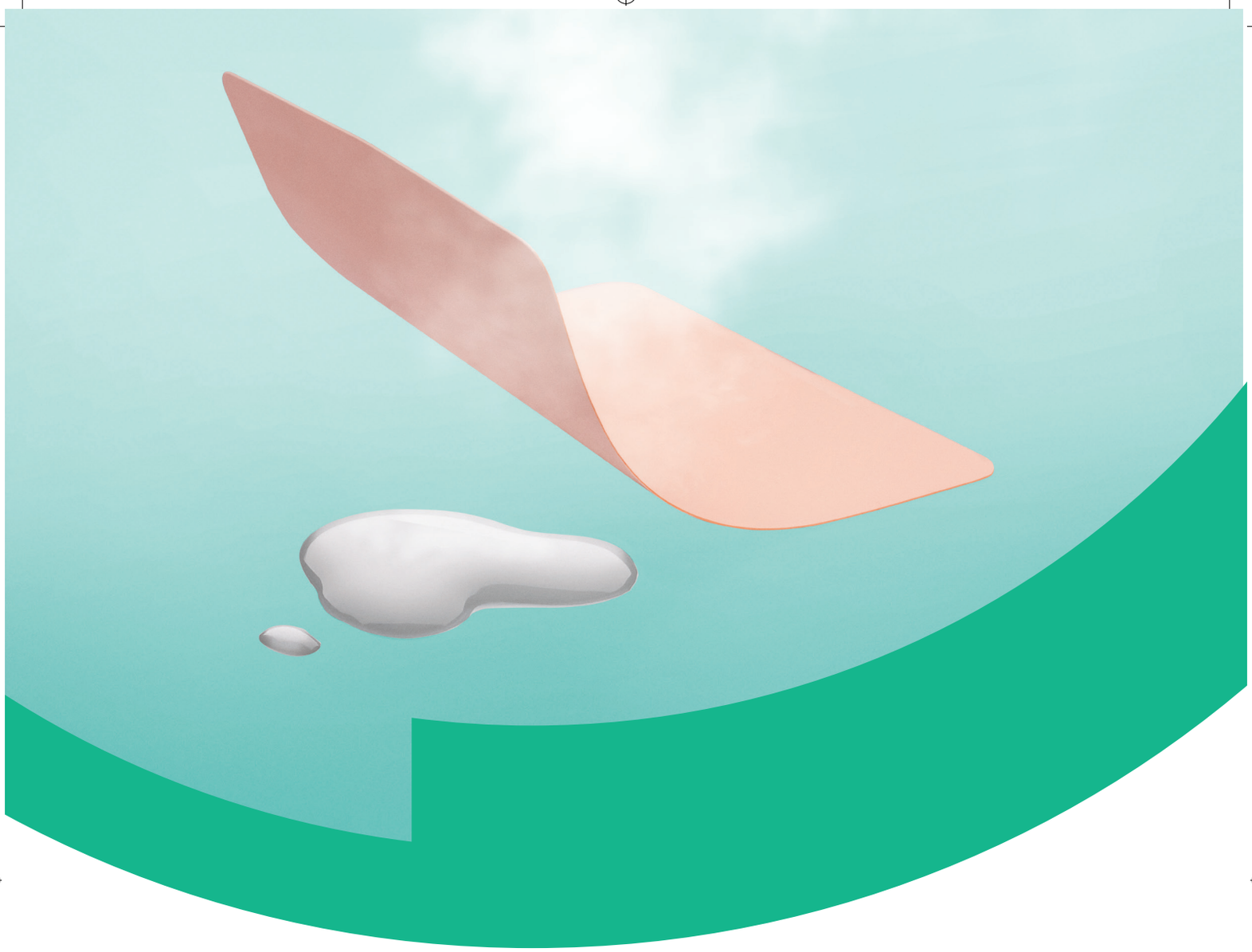

Baymedix® A Adhesive and Platilon® Film Combinations Raise Performance and Efficiency.

Baymedix® A and Platilon® polyurethanes are designed for modern wound care and NPWT applications. In combination, these materials show excellent breathability, an important feature in moisture management of advanced wound dressings. The high moisture vapor transmission rate removes the need for perforation of the adhesive layer. Direct coating on film eliminates processing or lamination steps in (conversion) production.

Baymedix®

Key Features of Adhesives made from Baymedix® A:

- Adhesive peel strength easily adjusted by component ratio
- Low trauma removal without sticking to hair

Key Features of Baymedix® A and Platilon® Film:

- Excellent breathability
- Enhanced processing efficiency
- Matt surface (PE facing) of Platilon® Film

covestro

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Two-Component Adhesive

Property	Baymedix® AP501
NCO content	12.3–13.3%
Viscosity at 23°C	3,300–4,700 mPa · s
Solvent	no
Monomer content	≤ 0.39%

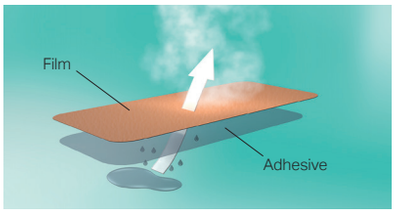
Property	Baymedix® AR602
OH number	32.5–37.5 mg KOH/g
Viscosity at 25°C	900–1,100 mPa · s
Solvent	no
Acid number	≤ 0.04 mg KOH/g

Polyurethane Film

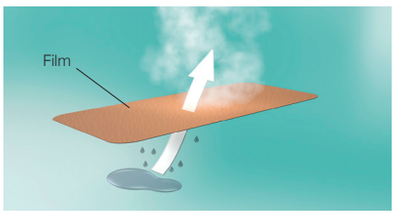
Property	VPT 9101 T
MVTR	~1,900 g/(day · m²)
Tensile stress at break	33 MPa
Tensile stress at 50% strain	3–6 MPa
Tensile strain at break	700%

Moisture Vapor Transmission Rate (MVTR) and Total Fluid Handling Capacity (TFHC)

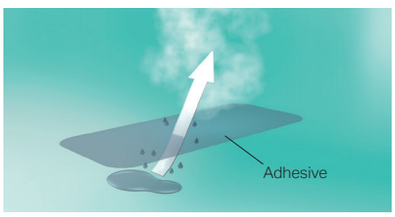
(Method: MVTR = DIN EN 13726-2 Part 3.2
TFHC = DIN EN 13726-1 Part 3.3)



Product	Thickness	MVTR g/(day · m²)	TFHC g/(day · m²)
Baymedix® A on VPT 9101 T film	55 µm 25 µm	~1,800	~3,400
Baymedix® A on VPT 9101 T film	~100 µm 25 µm	~1,600	~2,800



Product	Thickness	MVTR g/(day · m²)	TFHC g/(day · m²)
VPT 9101 T film	25 µm	~1900	~3900



Product	Thickness	MVTR g/(day · m²)	TFHC g/(day · m²)
Baymedix® A	55 µm	~3,200	~10,000
Baymedix® A	~100 µm	~2,500	~6,000

The combination of the hydrophilic Baymedix® A and Platilon® film shows excellent breathability.

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