

# Argotec™ TPU NWFL 110 A16

## General Description

Argotec, the leader in engineered film solutions, offers comprehensive solutions for medical and healthcare film applications. Argotec™ TPU NWFL 110 A16 is a waterproof and breathable polyurethane non-woven/film laminate, coated with an established, medical-grade adhesive.

For a non-waterproof version see Argotec™ Octopi 75.

**Typical applications:** Consumer and advanced wound care, first aid dressings, finger bandages, medical tapes, device fixation and skin contact applications.

**Polymer:** Aliphatic thermoplastic polyurethane

**Product Construction:** A waterproof, breathable, tan coloured, embossed laminate, comprising of an elastomeric fabric / polyurethane film. The laminate is coated with a high tack acrylic adhesive (A16). The adhesive side is protected with a glassine paper release liner.

**Key attributes:**

- Waterproof
- Breathable & elastic
- Suitable for skin contact applications
- Soft feel for patient comfort
- Protects hard-to-dress areas such as knuckles, knees and elbows

Property/Capability	Test Method	Value
Substrate Thickness	GK122	13.8 mils (350 microns)
Substrate Weight	GK01	110 g/m <sup>2</sup>
Adhesive Weight	GK57	26 g/m <sup>2</sup>
MVTR <sup>1</sup>	GK54	625 g/m <sup>2</sup> per 24 hrs
Minimum Width	-	1.6" (40mm)
Length	-	Up to 550 yards (500 m) - may include splices
Tensile Strength MD (Substrate Only)	GK117	Min 30 N/5cm
Tensile Strength TD (Substrate Only)		Min 30 N/5cm
Elongation at Break MD (Substrate Only)		Min 250%
Elongation at Break TD (Substrate Only)		Min 250%
Release Liner	-	81 g/m <sup>2</sup> white glassine single-sided release paper
Stripping Load (Release)	GK56	5 gf/cm

<sup>1</sup> Upright @ 37°C / 98.6°F

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