

*Bio-Based hotmelt film with thinner thickness (0.14mm), same bonding as NASA-T 0.2mm

SAMBU Technology Thinner Bio-Based TPU hotmelt



Strong bonding
Standard thickness
0.14mm
≡ **0.2mm**
NASA-T



Light Weight & Softer



Reducing Pressing Time
(30s → 20s)

CO2 Reduction
(2.1 CO2 kg / kg)

for using Bio-based raw material
(from corn and sugar cane)

- Less Stiff
- Less Overflow

Energy reduction
33%

Energy save from shoe factory
(Less pressing time)

Similar Price

NASA-T
Rec. 0.2mm
≡
NASA-TT
Bio.
0.14mm

BIO-BASED VERSION OF NASA-TT (UPGRADE OF NASA-T1)



[NASA-TT BIO (31%)]

· PHYSICAL PROPERTIES ·

Width (폭)	44/47/54 inch
Thickness (두께)	0.08 ~ 0.20 ± 0.04mm
Tfb	114°C ~ 122°C
Melt Flow Index	8~14g/10min (177°C, 2.16kgf)

· SHIPPING/STORAGE INFORMATION ·

Lead Time (자재 조달 기한)	(S) 2 weeks (P) 2 weeks
MOQ (최소 발주 수량)	(S) None (P) 1 roll
Available production location (자재 생산 가능 국가)	SAMBU VIETNAM (1225.2) / SAMBU INDONESIA (1225.3)
Packaging Unit (배송 단위)	0.08MM 100M/roll, 0.14~0.2MM 50M/roll
Material storage condition (자재 보관 방법)	Store in cool and dry place. Keep it out of sun-light (UV) Without opening the package. <Precautions for Repacking> Re-seal the material with the colored PE tightly to prevent UV and environmental exposure
Material Shelf life (자재 품질 수명)	12 months after production (Without opening the package)

· MATERIAL WORKING CONDITIONS ·

Material applicable process (적용 가능 공정, 사용방법)	No-sew, Lamination
Application working condition (추천 작업조건)	Setting : 135~140°C, 45bar~60bar, 20 sec for No-sew process (30 sec for No-sew process available) Actual : start temperature at 10 sec left, 121~125°C (by HOBO)
Limitation, Critical Information (자재 한계, 개선 불가사항)	1. QUV score will be decreased after No-sew process. 2. Tfb doesn't mean the recommendation temperature for No-sew. 3. Hot melt films do not have MCS number
Comment	1. Good softness & Stretchable / Low melting temperature & overflow. 2. Advantage of 0.12mm thickness: cost save, Light weight, softness effect and good bonding score. 3. Multi layer work is available at once 4. Decreasing press time (30 sec -> 20 sec) 5. USDA certification for 31%