

BID LIST NO. 0804

SPECIFICATION

Property Nos. 253677, 253693, 253685

Tape, Teflon, Cloth Glass PFTE, 1" 1-1/2", 3/4"

General Requirements (for all three sizes)

Must be a Teflon impregnated fiberglass cloth tape suitable for heat transfer between a heated metal element and polyolefin shrink-wrap film without adhering to either surface? The material must be durable and resistant to heat breakdown between 370-400^oF (188-204^oC), the temperature range at which the bonding/sealing process takes place on the passport binding line. The Teflon impregnated fiberglass cloth shall be coated with a silicone pressure sensitive adhesive.

Specific Requirements (for all three width *exception of Width)

Cloth material.....	fiberglass 3.0 mils thick (0.08 mm)
Tensile strength.....	70 lbs./in width (12.3 kN/m)
Weave.....	plain
Finish.....	smooth teflon impregnated
Adhesion to steel.....	35 oz/in width (0.38 kN/m)
*Width of roll.....	item 1: 1" (25.4 mm) item 2: 1-1/2" (38.1 mm) item 3: 3/4" (19.1 mm)
Length of roll.....	36 yards (32.9 m) on a 3" diameter core
Total thickness of tape.....	0.0060" ± 10% (0.15 mm ± 10%)

Sample Requirement

One roll sample of the tape is required to determine if the product is suitable for use on the Post Card Cut and Pack machinery for an extended period of time without sticking, scorching or charring.

Qualified Product

3M Company - Product No. 5451

P# 253685

SPECIFICATIONS

Tape, Teflon Impregnated Fiberglass, Pressure Sensitive for Heating Element Covers on the UNO Post Card Cut & Pack System

General Requirements

Must be a Teflon impregnated fiberglass cloth tape suitable for heat transfer between a heated metal element and polyolefin shrink-wrap film without adhering to either surface? The material must be durable and resistant to heat breakdown between 370-400⁰F (188-204⁰C), the temperature range at which the bonding/sealing process takes place on the Post Card Cut & Pack system. The Teflon impregnated fiberglass cloth shall be coated with a silicone pressure sensitive adhesive.

Specific Requirements

Cloth material..... Fiberglass 3.0 mils thick
(0.08mm)

Tensile strength.....70 lbs./in width (12.3
kN/m)

Weave.....Plain

Finish.....Smooth Teflon
impregnated

Adhesion to steel.....35 oz/in width (0.38 kN/m)

Width of roll.....1 1/2" (38.1mm)

Length of roll.....36 yds (32.9m) on a 3"
diameter core

Total Thickness of tape.....0.0060"±10%
(0.15mm±10%)

Sample Requirement

One roll sample of the tape is required to determine if the product is suitable for use on the Post Card Cut & Pack machinery for an extended period of time without sticking, scorching or charring.

3M-product no. 5451 meets all of the above requirements.