

TRANSFER TAPE PRODUCT BULLETIN

May 2020



Wausau Coated

Experts in "What If..."

T-Series Adhesives



T620-1.5
Adhesive
—
UL 969
Marking & Labeling
Component

People in the business of fabricating, assembling or processing manufactured components know efficiency is key to successful outcomes for your bottom line. At Wausau Coated, we understand the advantages adhesive Transfer Tape Materials can provide as efficient alternatives to spot welding or traditional fasteners. We can engineer a solution to fit your needed strength, fit, flex, impact, aesthetics, noise, weight, speed, temperature and assembly systems. Contact us to help you with your "What If..." solution today.

T620-1.5 ADHESIVE DESCRIPTION

T620-1.5 is an ultra-aggressive permanent designed for difficult-to-bond surfaces. It offers excellent initial tack and ultimate adhesion to a variety of substrates, including low surface energy plastics and surfaces that come in contact with chemicals. It is UV resistant, water resistant, chemical resistant and solvent resistant.



Type	High Performance Acrylic
Classification	Acrylic
Caliper	1.5 mil
Minimum Application Temp., °F	+40
Service Temperature Range, °F	-30 to +350
Regulatory Compliances	21 CFR 175.105, indirect food contact, CONEG, REACH, RoHS

USR - STANDARD UL 969, "MARKING AND LABELING SYSTEMS" - FILE #MH63158

Face Stock	Face Stock Thk (mm)	Application Surface	Temp °C Max	Temp °C Min	Indoor Use	Outdoor Use
Polyester	0.051	Aluminum	180	-40	X	X
Polyester	0.051	Stainless Steel	180	-40	X	X
Polyester	0.051	Polycarbonate	100	-40	X	X
Polyester	0.051	Polyethylene	60	-30	X	X

Note:

All product specifications are for informational use only. Each customer and/or end user should determine the suitability of any product for their particular application. The Specifications on the left are based on typical values and most current information. Specific products listed were current at the time of publication, However all raw materials are subject to change.

Shelf life: One year when stored at 72°F / 50% Relative Humidity

CNR - STANDARD CSA C22.2 NO. 0.15, "ADHESIVE LABELS" - FILE #MH63158

Face Stock	Face Stock Thk (mm)	Application Surface	Temp °C Max	Indoor Use	Outdoor Use
Polyester	0.051	Metals	180	X	X
Polyester	0.051	Plastic Group III	180	X	X
Polyester	0.051	Plastic Group IV	100	X	X

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T620-1.5 - 1.5 mil - UL 969 Marking & Labeling Component

Features

T-Series products are ultra-aggressive permanent adhesives designed for difficult-to-bond surfaces. They offer excellent initial tack and ultimate adhesion to an even greater variety of challenging substrates, including low surface energy plastics and surfaces that come in contact with chemicals.

- Moisture resistance
- Ultraviolet resistance
- Temperature cycling resistance
- High shear at room and elevated temperatures
- High and low temperature resistance
- Solvent resistance
- Chemical resistance

TYPICAL PHYSICAL PROPERTIES AND PERFORMANCE CHARACTERISTICS

Note: The following technical information and data should be considered representative or typical only and should not be used for specifications purposes.

Product		Transfer Tape T620-1.5		
Adhesive to stainless steel ASTM D330- 90 degree 2 mil clear PET		Lbs	Oz	N/100mm
15 minute Room Temperature		2.9	46	50
72 hour Room Temperature		6.5	104	114
Adhesive to other surfaces ASTM D3330- 90 degree, 2 mil clear PET, 72 hour Room Temperature		Lbs	Oz	N/100mm
Glass		6.5	104	114
HDPE		1.5	24	26
LDPE		1.2	19	21
Polypropylene		1.4	22	24
Shear Strength - ASTM D3654 Modified - 1" x 1" sample area x hours to failure				
1000 grams at 72°F (22°C) @ 50% relative humidity		6000+ minutes		
Relative High Temperature Operating Range Exposure				
Long Term (days/weeks)		250° F (121° C)		
Short Term (minutes/hours)		350° F (177° C)		
Relative Solvent Resistance		Very Good		
Chemical Resistance Control Adhesive laminated to 2 mil Al Foil. 7 day dwell on stainless steel panels. All Peels are 90 degrees. No recovery time after immersion. All of the immersions were 1 hour in duration.	Control	Gasoline	MEK	5% Acetic Acid
	5.5	5.5	5.0	5.6