



The Biofore Company **UPM**

RP48AT A POWERFUL MULTI-TASKER



UPM RAFLATAC



Go the distance with RP48AT

At UPM Raflatac, we understand the value of leveraging a single durable, highly reliable all-temperature adhesive for multiple end-uses. Standardizing adhesive usage often simplifies the conversion process for a broad range of industry applications and offers peace-of-mind about product quality and performance. And for buyers, consolidating purchasing with a leading manufacturer can ensure immediate, ongoing adhesive availability — an important consideration for purchasing decisions.

Because of this, we have developed a comprehensive range of labelstock products constructed with RP48AT — our high quality, high performance, all-temperature adhesive. From frozen food marking, to retail prescription labeling, to warehouse applications, this powerful adhesive is an expert at climate change management. In fact, RP48AT enjoys a deep freeze as much as it does the opportunity to chill out at room temperatures or heat up at non-climate controlled locations.

A true team player

RP48AT is readily available with a variety of face materials and liners to meet the needs of your most demanding end-use applications.



The power of all-temperature

RP48AT addresses the following industry requirements:

- **All-temperature performance:** Once applied, RP48AT easily navigates the divide from -65 °F to 200 °F, adhering more aggressively as temperatures plunge.
- **Permanent substrate adhesion:** RP48AT provides good initial tack and high-lasting adhesion to diverse surfaces including steel, treated high-density polyethylene (HDPE), polypropylene (PP), recycled corrugated cardboard and glass. It also works well with small curved surfaces and vials, making it a natural for retail prescription labeling.
- **Cross-industry usage:** RP48AT is a leading choice for a wide array of consumer and industrial applications that demand versatility and on-the-job strength.
- **Excellent availability:** RP48AT is partnered with many of UPM Raflatac's top-selling paper and film labelstocks and is available without allocation constraints.

The strength inside – RP48AT at a glance

Read on for information on this tenacious adhesive's service temperature range, loop tack, peel adhesion and minimum application temperature.

RP48AT

Modified acrylic dispersion all-temperature/deep freeze adhesive. Should be used when very good adhesion at low temperatures is required. Adhesion to non-polar surfaces is very good. Remains adherent at low temperatures.

Typical tack 7 N FTM 9

Typical shear 3.0 h FTM 8

PE-loop tack min 7 N modified FTM 9

Labeling temperature min -20 °F

Service temperature range -65 °F ... 200 °F

Limited heat resistance. Becomes more aggressive as the temperature drops, especially below 32 °F. Limited adhesion to moist surfaces. Shelf life: From the date of manufacture 1 year at 68 °F and RH 50%.

UPM – The Biofore Company

UPM leads the integration of bio and forest industries into a new, sustainable and innovation-driven future.

Products from UPM Raflatac constructed with RP48AT adhesive

Sales Code	Product Description
LS147R	50# LASER PLUS RP48AT 3.2 mil. HI-WHITE KRAFT
TT60R	TRANSFER PREMIUM LITE RP48AT 40# WHITE KRAFT (2.5 mil.)
DT09S	DIRECT THERMAL ECO RP48AT 40# WHITE KRAFT (2.5 mil.)
DT41C	DIRECT THERMAL PREMIUM ECO RP48AT 40# WHITE KRAFT (2.5 mil.)
DT02K	DIRECT THERMAL TOP RP48AT 40# WHITE KRAFT (2.5 mil.)
DT12W	DIRECT THERMAL TOP HS RP48AT 40# WHITE KRAFT (2.5 mil.)
PL85R	RAFLAGLOSS RP48AT 40# WHITE KRAFT (2.5 mil.)
PL155S	KROMEKOTE® EXTRAGLOSS RP48AT 40# WHITE KRAFT (2.5 mil.)
PL181V	50# RAFLACOAT RP48AT 2.2 mil. WHITE KRAFT
PL86S	54# RAFLACOAT RP48AT 40# WHITE KRAFT (2.5 mil.)
LS77Q	54# RAFLACOAT RP48AT 60# WHITE KRAFT (3.2 mil.)
PL15Q	60# RAFLACOAT RP48AT 40# WHITE KRAFT (2.5 mil.)
PL71B	RAFLASILK RP48AT 40# WHITE KRAFT (2.5 mil.)
ED27J	50# DATA HS RP48AT 3.2 mil. WHITE KRAFT
PL116A	SILVERVAC RP48AT 40# WHITE KRAFT (2.5 mil.)
SY59X	2.9 mil. SYN-THERMAL RP48AT 2.5 mil. HIGH DENSITY WHITE
SY36W	3.2 mil. SYN-THERMAL RP48AT 2.5 mil. HIGH DENSITY WHITE
IL16R	RAFLASILK IL RP48AT 40# WHITE KRAFT (2.5 mil.)

RP48AT is available with additional face material and liner combinations. For more information, contact your local UPM Raflatac representative.

