

# General Magnaplate

Smart Coating Solutions™ Worldwide

## BENEFITS

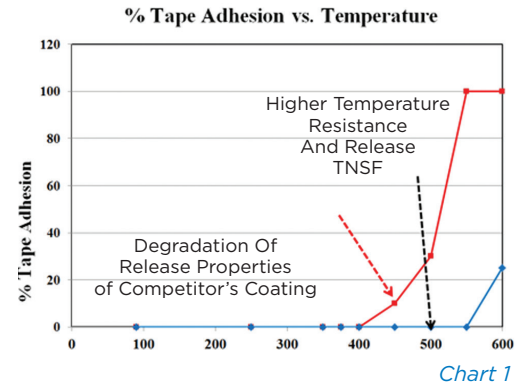
- Tolerances can be held to +/-0.0005"
- Prevents buildup of residue on adhesive, tape and labeling equipment
- FDA compliant (21 CFR 175.300)
- Withstand temperatures of 400°F-600°F without significant thermal degradation
- Can be applied to many coating families
- Durable coating has a slight rubbery feel with excellent release and non-slip traction control properties
- Will not transfer
- Non-ablative
- Chemical resistant



# Magnaplate® TNSF

## Adhesive and Glue Release with FDA Compliance

Magnaplate TNSF has been formulated to provide enhanced performance for adhesive and glue release along with offering FDA compliance for direct food contact. This high temperature elastomeric release coating can withstand 600°F (315°C) without significant thermal degradation (Chart 1).



## TYPICAL APPLICATIONS

- Release of hot melt adhesive applications → Corrugated fiberboard boxes, paperboard cartons
- Release of adhesive tapes → Pressure sensitive, heat sensitive and water activated
- Release of sticky food products → Gum, candy, dough, sauces, fruit, rice, honey
- Releases of adhesive foils/lidding → Blister lidding, heat sealable foils, flexible packaging
- Converting materials/ Non-wovens → Diapers, feminine hygiene products, laminated films
- Corrosion resistance to chemical wash down solutions (Chart 2) → Food processing and pharmaceutical equipment
- Composite prepreg release → Rolls and tooling
- Gripping films → Fingers and traction rolls
- Release coating on plastic molds → Plastic surfaces

Wash Down Solutions	0 min.	5 min.	15 min.	30 min.	60 min.
<b>Bleach</b>	0% Adhesion	0% Adhesion	0% Adhesion	0% Adhesion	0% Adhesion
<b>MEK</b>	0% Adhesion	0% Adhesion	0% Adhesion	0% Adhesion	0% Adhesion
<b>3M HCl Acid</b>	0% Adhesion	0% Adhesion	0% Adhesion	0% Adhesion	0% Adhesion

Chart 2