



RA-44W

LOW ADHESION BACKSIDE
FOR MASKING TAPES

RA-44W is a water based release coating, a low adhesion backside (LAB), designed for tapes with paper a substrate.

It is effective for providing an easy to moderate release from adhesives based on natural rubber, SBR and SIS block copolymers. Typical tape backings used with **RA-44W** are latex-impregnated crepe and flat papers.

RA-44W may be used as shipped or may be diluted with water to 20-40% total solids, depending on the paper, adhesive, and coating method. Coating methods include Meyer bar, rotogravure roll, knife over roll, and various slot/roll configurations.

Recommendation for laboratory evaluation for saturated crepe is as follows: Draw down the emulsion as is, or dilute with water using a #6 Meyer rod and dry in air oven at 100-150°C for 5 minutes or until dry. Dry coating weights may be in the 5-10 g/sm range.

In plant scale operations, release properties develop by flashing off water at 120-175°C (250-350°F) for 2-10 seconds, depending on web speed, oven length, drying air temperature and velocity, and oven configuration.



