



# Tackwhite AP 03 HP

## Description

TACKWHITE AP 03 HP is a water borne pressure sensitive adhesive, based on acrylic latices. The coated cured product has a good resistance towards ageing and light.

## Application

TACKWHITE AP 03 HP is designed for the production of protective PE films. The films coated with TACKWHITE AP 03 HP are suitable for the protection of rough surfaces. Peel adhesion remains constant over time.

## Technical Specifications

Method of analysis	UoM	Standard
1. Total Solids	%	50 ± 2
3. Brookfield Viscosity 25°C	mPa.s	500 ÷ 1500 <sup>(1)</sup>
8. pH		8 ÷ 9
<sup>(1)</sup> N. 2 RV; 20 RPM Solvents		water

## Film properties

Method of analysis	UoM	Standard
10. Peel Adhesion on Steel	N/in	15 ÷ 20
22. Static Shear	h	≥ 50
125. Loop Tack	N	9 ÷ 15

Average values; 22±2 g/m<sup>2</sup> of dry adhesive on PET film 36 µm

## Handling

The product can be applied using traditional coating systems: Mayer bar, gravure and air knife. Product must be cured with Curing Agent X7 (about 0.8-1%) or with other suitable crosslinkers. The product may, if necessary, be diluted with

water. Before adding Curing Agent X7 or polyaziridine crosslinkers, check pH; if all is lower than 9, correct with ammonia. The curing agent must be added slowly and under stirring, in order to obtain an optimal dispersion of the crosslinker into the adhesive.

After the addition of crosslinker, the pot-life decreases, depending upon type of curing agent, temperature and pH.

## Packaging

The product is supplied in plastic drums (25 kg); plastic drums (50 kg); iron drums (200 kg); IBC containers (1000 kg).

## Storing

TACKWHITE AP 03 HP must be stored at temperatures between +5 and +40°C. Keep containers well sealed, in order to avoid surface skin formation.

Use within 6 months from production date (unopened and in the original packaging).