

PRESSURE SENSITIVE ADHESIVE SOLUTIONS

PVC Graphic Arts and Film Applications



We are dedicated to driving value for our customers through seamless collaboration, cutting-edge innovation, and advanced technology, all while prioritizing sustainability and environmental care



Acrylic Polymer for PVC Graphic Arts and Film Applications

Key Benefits:

APEO free, low viscosity
acrylic polymer

Excellent balance of peel and tack
with high shear performance

Excellent plasticizer migration
and shrinkage resistance

Outstanding blushing resistance

Compatible with tackifier dispersions
to achieve higher peel
and tack values

ORGAL® AX 1450

ORGAL® AX 1450 is an APEO free acrylic polymer that forms clear,
elastic and tacky films when dried.

ORGAL® AX 1450 is suitable for the production of semi-permanent
PVC graphic arts and tape applications.

Technical Specifications:

Solid Content: 50% ± 1

Viscosity (Brookfield RV 3/50): 150 - 400 cps

pH Level: 7.0 - 8.0

Tg: - 37°C

Performance Properties (at 22 - 24 g/m² dry coat weight on 96 µm monomeric PVC film):

Peel adhesion (AFERA 5001 & FTM 1 & PSTC 101), on Glass, N/25 mm	13.0 – 15.0
Peel adhesion (AFERA 5001 & FTM 1 & PSTC 101), after 24 hrs. on Glass, N/25 mm	18.0 – 20.0
Loop tack (AFERA 5014 & FTM 9 & PSTC 16), on Glass, N/25 mm	20.0 – 22.0
Shear Strength, (AFERA 5012 & FTM 8 & PSTC 107), on Glass, hrs.	>150

For more information, samples, or technical support, contact us today!

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