

SignWarehouse Transfer Tape and Vinyl Matching Application Guide

Cast and Calendered PVC Vinyls		
Vinyl	Recommended Paper Tapes	Recommended Clear Tapes
EnduraGLOSS Glossy Calendered Vinyl: medium and large graphics	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
EnduraGLOSS Glossy Calendered Vinyl: small graphics	EnduraMASK Perfect Tear EnduraMASK Perfect Tear Layflat R-Tape Conform 4075 R-Tape ApliTape 4075 TransferRITE 592U	Main Preview Plus GXF101 R-Tape ClearChoice AT65 R-Tape ClearChoice AT75
For EnduraGloss, a soft 3mil calendered vinyl, we recommend medium tack tape for medium to large sized graphics and high tack tape for small graphics (characters 6" or smaller).		
EnduraMATTE Calendered Vinyl	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
EnduraMATTE vinyl has a low tack adhesive that works better with medium tack transfer tape. A high tack tape may be too tacky to transfer the vinyl to many substrates, especially porous or rough surfaces typical of many residential and commercial walls.		
Endura GlitterCAST Ultrametallic Vinyl medium and large graphics	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
Endura GlitterCAST Ultrametallic Vinyl small graphics	EnduraMASK Perfect Tear EnduraMASK Perfect Tear Layflat R-Tape Conform 4075 R-Tape ApliTape 4075 TransferRITE 592U	Main Preview Plus GXF101 R-Tape ClearChoice AT65 R-Tape ClearChoice AT75
Endura GlitterCAST vinyl has a soft face films that responds well to medium tack transfer tapes. High tack tape may be more effective for transferring small graphics.		
ORACAL 641 & 651 Calendered, 8500 Translucent, 751 & 951 Cast Vinyls 6510 Cast Fluorescent	EnduraMASK High Tack 4076 * EnduraMASK Perfect Tear EnduraMASK PerfectTear Layflat TransferRITE 592U R-Tape Conform 4075 R-Tape ApliTape 4075	Main Preview Plus GXF101 R-Tape ClearChoice AT65 R-Tape ClearChoice AT75
ORACAL's thin, dense face film makes it very easy to weed, but more difficult to transfer from the liner. High tack tape is recommended for all ORACAL graphic marking films that have a permanent adhesive. * EnduraMASK High Tack is specifically formulated for use with ORACAL calendered vinyls.		
ORACAL 631 Matte Calendered Vinyl	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
ORACAL 631 has a low tack adhesive that works better with medium tack transfer tape. A high tack tape will transfer the vinyl from the liner very effectively, but may be too tacky to transfer the vinyl to many substrates, especially porous or rough substrates.		
ORALITE 5300, 5600, 5700, & 5800 Reflective Films	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
The adhesive strength of ORALITE reflective films is approximately 17% lower than that of ORACAL's PVC vinyls. A low tack tape is recommended for successful application to smooth substrates.		

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Cast and Calendered PVC Vinyls, Cont'd		
Vinyl	Recommended Paper Tapes	Recommended Clear Tapes
Avery 500 & 700HP Calendered, UC900 Super Cast, Avery Metallic Cast Vinyls	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
Avery's calendered and cast vinyls have soft face films that respond well to medium tack transfer tapes. High tack tape may be more effective for transferring small graphics.		
Holographic, Reflective, and Specialty Films		
EnduraLite 48000, 8100, 15000, & M8512 Reflective Films	Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U, ORATAPE HT55	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
EnduraLite engineer grade reflective films have a low tack adhesive. A high tack tape may cause difficulty applying the reflective sheeting to the substrate.		
ORALITE 5300, 5600, 5700, & 5800 Reflective Films	ORATAPE HT55, Main PerfecTear Plus GXP750, R-Tape 4078RLA, TransferRITE 582U	R-Tape ClearChoice AT60 Main Preview Plus GXF100 TransferRITE 1310, 1310G
The adhesive strength of ORALITE reflective films is approximately 17% lower than that of ORACAL's PVC vinyls. A low tack tape is recommended for successful application to smooth substrates. However, ORACAL's internal testing has produced good results with HT55		
Schein Holographics Special Effects Imitation Gold Leaf Schein Print Polyester "Chrome" Schein Glitter Holographic	EnduraMASK High Tack 4076 EnduraMASK Perfect Tear EnduraMASK PerfectTear Layflat R-Tape Conform 4075 TransferRITE 592U	Main Preview Plus GXF101 R-Tape AT65, AT75
Holographic films are made using metallized PVC or polyester foils. The metallic foil layer makes the face film less pliant than standard PVC vinyls. These less flexible face films require higher tack tapes to transfer them from the release liners.		

The information presented here is offered as a guideline only. These are not guarantees of perfect release or transfer. There are other factors, including use of application fluid and type of substrate, that affect the performance of transfer tape. The omission of a particular combination of tape and vinyl should not be interpreted as a statement that those products aren't compatible. They're simply not the best options according to input from the vinyl and tape manufacturers supplemented by our corporate experience and internal testing. For more information, please click [here](#) to refer to the SignWarehouse Sign College Blog.