



TECHNICAL BULLETIN

R TAPE VINYLEFX™ FILMS DURABLE SERIES

DESCRIPTION

R Tape VinylEFX™ are metallized films, which are exceptionally suited for general purpose signage applications. This series of films resist most marring and staining. VinylEFX™ cut easily using computer plotter, steel rule or thermal die methods, guillotine shear or rotary blade cutters. The series of films can be printed using vinyl screen print inks, thermal transfer systems, solvent-based ink jet printers and hot foil stamp devices.

Suitable for general purpose signage applications on clean, smooth, non porous flat surfaces. Some clear coats and automotive paints, which contain additives to repel dirt, grime, graffiti, etc., are problematic and not recommended for application.

PHYSICAL SPECIFICATIONS

FACE FILM	Extruded 65 µm rigid PVC metallized film.
ADHESIVE	Permanent, clear acrylic adhesive.
RELEASE LINER	88# Polycoated Kraft liner.
*ADHESION TO STEEL (N/25mm)	13 -19 N/25mm
ELONGATION	~0 (due to extrusion process)
RELEASE VALUE	20 – 40 gr/in.
APPLICATION TEMPERATURE RANGE	16°C to 32°C
SERVICE TEMPERATURE RANGE	-22°C to 74°C.
THICKNESS	90 µm (including adhesive; 65 µm PVC film, 25 µm acrylic adhesive)

Adhesion PSTC-1, 1 minute on stainless steel at time of manufacture.

FEATURES

- Up to 5 years outdoor durability. Some color fade, chalking and gloss reduction may occur.
- Should not crack, peel, blister or delaminate, when processed and installed in accordance with accepted industry practices and standards to vertical substrates.
- Not recommended for application to untreated metal, polyethylene and polypropylene surfaces.
- A limited number of gel spots is inherent in the vinyl extrusion process.
- The films come with an impression (a shim line) in the pattern, this is not a defect, but a byproduct of the manufacturing process.
- Resists many chemicals with intermittent contact (not submersion).
- Good dimensional stability with minimal shrinkage.
- One year shelf life, starting from the date of purchase, when stored properly, in an environment free from excessive humidity, temperature extremes and direct sunlight.
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- EDGE SEALING IS RECOMMENDED

WARRANTY

VINYLEFX™ FILMS ARE ONLY WARRANTED TO BE FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL AT TIME OF SHIPMENT. MANUFACTURER WILL REPLACE OR CREDIT ANY MATERIAL MANUFACTURER DEEMS DEFECTIVE. NO ACCEPTANCE OR RESPONSIBILITY FOR LOSS, DAMAGE, OR EXPENSE, IMPLIED OR OTHERWISE, SHALL BE ASSUMED BY SELLER OR MANUFACTURER. USER ASSUMES ALL RISK AND LIABILITY IN CONNECTION HEREWITH.

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Data