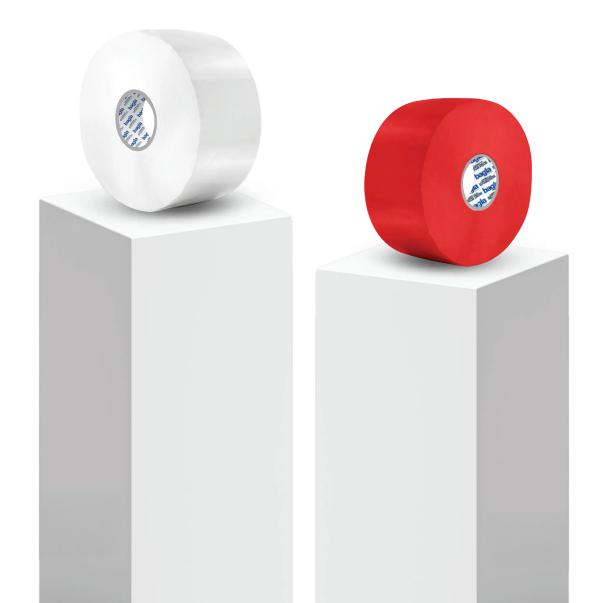


ULTIMATE GUIDE TO DIRECT PRINTABLE TAPES



MOST COMMON PRINTING PROCESSES



Printing with Corona Treatment

Advantages:

In general, this is the most cost-effective option.

Disadvantages:

- Fire risk due to sparks generated during the corona treatment process.
- Post-printing issues:
 - Blocking of printed material.
 - Breakage when unrolling the material.

Note: These issues usually manifest after the material has stabilized and left the printer's facilities.



Printing with Primer & Release

Advantages:

Produces an adequate finish. It eliminates the need for equipment with a corona treatment section.

Disadvantages:

- Use of additives like toluene, a highly harmful compound for operators.
- Strict global regulations have reduced its use due to health and environmental risks.
- In many countries, this method faces legal barriers for importing and nationalizing its components, as toluene is also used in the production of explosives and drugs.



Printing Beneath the Film (Adhesive Side)

Advantages:

Offers durability, protection, and a clean finish by safeguarding the design from scratches, moisture, and UV exposure.

Disadvantages:

- Significant loss in production efficiency.
- Noticeable loss of adhesiveness in printed areas.
- Reduction of the usable printing surface (to about 30-40%).
- Compromises the overall quality of the product.



FINDING A BETTER & SMART SOLUTION FOR DIRECT PRINTABLE TAPES?



We offer an innovative solution based on the use of pre-treated materials:

Benefits Include

- Simplifies direct printing process for packaging requirements.
- Eliminates the need for additional treatments such as corona or the use of toluene.
- Offers versatility, as they can be configured to meet the printer's specific needs within the same work shift.
- Reduces post-production issues and ensure better performance in terms of quality and safety.



COMPARAITIVE ANALYSIS OF FLEXOGRAPHIC PRINTING ON ACRYLIC TAPES



TRADITIONAL PRACTICE



HASSLES OF ADDITIONAL MACHINE SET-UP FOR SURFACE TREATMENT

Corona, primer or release treatment is an additional machine set-up and process for printing on acrylic tapes,unlike solvent or hot melt tapes



ADVERSE EFFECTS OF UNDER & OVER CORONA TREATMENT

Over Treatment : Adhesion pilferage Under Treatment: No ink penetration



HIGHER CAPITAL COST & ENERGY CONSUMPTION FOR CORONA SET UP

Corona treatment is a high frequency, electrical process. This is an additional high energy consumption, also adding to the capital and operational cost



POTENTIAL SAFETY HAZARDS

High concentration or over extended exposure to solvents can pose serious Safety hazards. These solvents are inflammable and highly volatile.



HIGH MACHINE DOWNTIME

Changeover time for acrylic tapes is higher compared to other materials due to corona treatment, resulting in increased machine downtime



LEARN MORE ABOUT EZEEPRINT





NO ADDITIONAL PROCESS FOR CORONA, PRIMER OR RELEASE TREATMENT REQUIRED



NO CHANGE REQUIRED IN MACHINE SET-UP FOR SURFACE TREATMENT, NO MACHINE DOWNTIME



PRE-TREATMENT ENSURES COMPLETELY SAFE WORKING SETUP!



COST-EFFECTIVE SOLUTION FOR ALL FLEXOGRAPHIC PRINTING INDUSTRIES



COMPATIBILITY TESTED WITH MAJORITY OF INKS USED IN PRINTING



SUPERIOR INK BONDING FOR HIGH DEFINITION PRINT



UNBOX, LOAD THE TAPE AND PRINT





