



ClingZ[®] Molecular Enhanced Film

DESCRIPTION:

ClingZ[®] molecular enhanced film is an electrically charged, fully printable film. It is manufactured using a proprietary process that embeds an electrical charge into the film. ClingZ[®] will adhere to almost any clean surface, yet can be moved and re-applied as needed. Since ClingZ[®] is not vinyl and does not use any volatile chemicals, it is environmentally friendly and child safe. ClingZ[®] is available in .0025 white and .002 clear in sizes: 19"x 25", 23"x 35", and 28"x 40". Custom sheets made to order with minimum.

CHARACTERISTICS:

- Adheres to surfaces such as glass, drywall, metal, brick, wood, stucco and marble.
- Both printed and unprinted sides are self-adhering.
- Repositionable for any indoor application.
- Recommended for offset printing. It can be screen and flexo printed with proper ink selection and coverage. Digital and flexo products under development.
- Can withstand sunlight and cold temperatures while maintaining its self-adhering charge.

TECHNICAL DATA:

PROPERTIES	WHITE	CLEAR	TEST METHOD
THICKNESS	.0025	.002	ASTME-252
YIELD (in ² /lb)	23,330	15,500	ASTME-252
DENSITY (g/cm ³)	0.48		
TENSILE STRENGTH (psi)	MD 10,000 TD 18,000	MD 14,000 TD 32,000	ASTM-D 882
ELONGATION (%)	MD 140 TD 40	MD 200 TD 65	ASTM-D 882
TEAR RESISTANCE (grams/mil)	INITIATED MD 3.3 TD 3.5	INITIATED MD 7.0 TD 3.9	ASTMD-1922
WETTING TENSION ± 2 dynes/cm	38-48 dynes/cm	38-48 dynes/cm	ASTMD-2578
STIFFNESS (TSU) Grams per 4" length	MD 79.8 TD 92.3	MD 87.4 TD 138.2	ASTMD-2923

NOTE: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Transilwrap shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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