

Rust Resistant Film (CVCI)

Ferrous metals, such as steel and iron, require protection from rust and corrosion. CVCI film contains a volatile corrosion inhibitor (VCI) that generates an invisible layer of corrosion protection on the ferrous metal itself, protecting it from rusting inside the package. While this protective layer prevents low levels of moisture from reaching the ferrous metal, CVCI bags also have a very low moisture vapor transmission rate (MVTR), preventing moisture from reaching the bagged products.

CVCI does not alter the electrical or mechanical properties of the bagged product. It is recommended that the packaged products be clean and dry prior to packaging for best results.

Genuine Autobag® bags-on-a-roll and SidePouch® bags-in-a-box are system-matched and guaranteed to run on Automated Packaging Systems' equipment.

Technical Information

Compliances	N/A
Press Printing	Yes with restrictions
Imprinting	Yes
Trim Seal	No
Bag Mil Thickness	2.0, 3.0
Bag Configurations	Autobag; SidePouch with restrictions

Performance Data:	U/M	2.0/SD	3.0/ET	ASTM
Haze	%	13.1	16.8	D-1003
Puncture Resistance (Dart)	grams	129	169	D-1709
Tensile Strength MD	psi	2770	2630	D-882A
Tensile Strength TD	psi	2450	2300	D-882A
Elongation MD	%	320	340	D-882A
Elongation TD	%	580	580	D-882A
Elmendorf Tear MD	grams	310	371	D-1922
Elmendorf Tear TD	grams	272	414	D-1922
OTR	cc/100in ² /day	300	180	D-3985
MVTR	g/100in ² /day	0.796	0.57	F-1249

Formulations

- CVCI



Features & Benefits

- Integrated corrosion inhibitors
- Does not alter bagged product characteristics
- Low MVTR



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect CVCI material only. Certain minimum purchase volumes may apply.

888-AUTOBAG | info@autobag.com | autobag.com

Automated Packaging Systems, Inc. 10175 Philipp Parkway, Streetsboro, Ohio 44241

Patent(s): www.autobag.com/patents

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