



Machine Film (VCI)



Intertek



Effective 10/2018

Product Data Sheet

Product Description: VCI Stretch Film contains a combination of properties of both **stretch cling film and volatile corrosion inhibitor**. It is used for protection of products manufactured out of ferrous and non-ferrous metals through the dual action of contact and VCI that seek out metals and provide a molecular layer of corrosion protection on the surface of the metals. Machine grade VCI stretch film is sized to work in all standard pallet wrapping and automated machine wrapping equipment.

Film thickness: - 80,90,100,150,200 ga (Item ID: ZMV20XXXX,ZMV30XXXX)

Colors (Dark): Blue, Blue tint, and Clear

Nominal Values: (Tol. +/- 15%)

Test	Reference Methods	Test results / thickness				
		80	90	100	150	200
Tensile @ Break MD (psi)	ASTM D-882	6,300	6,350	6,410	6,450	6,600
Tensile @ Break TD (psi)	ASTM D-882	4,100	4,125	4,375	4,550	4,600
Tensile @ Yield MD (psi)	ASTM D-882	1,350	1,400	1,410	1,440	1,475
Tensile @ Yield TD (psi)	ASTM D-882	1,200	1,210	1,225	1,248	1,275
Elongation MD (%)	ASTM D-882	510	510	530	540	554
Elongation TD (%)	ASTM D-882	590	600	610	620	625
Elmendorf Tear MD(gf/mil)	ASTM D-1922	330	335	340	355	365
Elmendorf Tear TD(gf/mil)	ASTM D-1922	635	640	640	650	665

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MD = Machine Direction

TD = Transverse Direction