



VCI 2000[®]

**100 PERCENT
NITRITE FREE
ANTI-CORROSION
VCI PACKAGING**



VCI GUSSETED BAGS



IN STOCK

VCI Gusseted Bags are made with the latest polymer technology and impregnated in low temperatures with vapor corrosion inhibitors (VCIs) to protect ferrous and most non-ferrous metals from corrosion. VCI Gusseted Bags protect metal parts against the corrosive effects of moisture, salt and other contaminants in storage or transit.

LONG TERM CORROSION PROTECTION *For more detail refer to page 4

FEATURES & BENEFITS

- Heat sealable
- Water resistant
- Reusable
- Transparent for easy inspection
- Eliminate cleaning after storage
- Metals protected: Carbon steels, stainless steels, copper, brass, aluminum, silver, galvanized steel



ITEM	SIZE	THICKNESS	BAGS/ROLL	LBS/ROLL
VBG00003	40 x 36 x 80	4 mil	25	44
VBG00001	54 x 44 x 96	4 mil	20	58
VBG00004	44 x 36 x 36	4 mil	100	78
VBG00005	27 x 20 x 25	4 mil	100	33
VBG00006	16 x 10 x 21	4 mil	400	59
VBG00016	49 x 41 x 60	4 mil	50	71
VBG00062	14 x 10 x 19	2 mil	500	35
VBG00073	60 x 50 x 95	4 mil	20	60
VBG00074	36 x 32 x 60	4 mil	50	60
VBG00186	50 x 45 x 80	4 mil	25	54
VBG00226	14 x 10 x 25	4 mil	250	40
VBG00227	23 x 17 x 46	4 mil	100	51
VBG00228	35 x 35 x 72	4 mil	35	48
VBG00231	55 x 45 x 72	4 mil	20	38

PHYSICAL PROPERTIES

		Tear Strength (psi) ASTM D1004	Elongation (%) ASTM D882
4 mil	MD	2,490	740
	TD	2,330	935
5 mil	MD	2,850	870
	TD	2,790	1,000

VCI SHRINK FILM

VCI Shrink Film is made with three layers of the latest polymer technology, providing maximum strength, flexibility and puncture resistance needed in aggressive shrink application. Our films are impregnated in low temperature with vapor corrosion inhibitors (VCI's) to protect ferrous and most non-ferrous metals from corrosion.

The slow release vapor action protects the exterior as well as hard-to-reach interior surfaces. It is self-healing and will provide 24 months of long-term protection for storage and shipments.



FEATURES & BENEFITS

- Film is transparent for ease of product identification
- Provides up to 24 months of continuous protection
- Metals protected: Carbon steel, stainless steel, copper, brass, aluminum, silver, galvanized steel

IN STOCK

ITEM	SIZE	WEIGHT	THICKNESS
VSG00004	240" x 100'	65lbs	6 mil
VSG00006	168" x 100'	65lbs	8 mil

VCI HEAT SEAL BAGS

FEATURES & BENEFITS

- Heat sealable
- Water resistant
- Reusable
- Transparent for easy inspection
- Metals protected: Carbon steels, stainless steels, copper, brass, aluminum, silver, galvanized steel



VCI Bags protect metal parts against the corrosive effects of moisture, salt and other contaminants in storage or transit. VCI Bags are made with the latest polymer technology and impregnated in low temperature with vapor corrosion inhibitors (VCI's) to protect ferrous and most non-ferrous metals from corrosion.

LONG TERM CORROSION PROTECTION

*For more detail refer to page 4

IN STOCK

ITEM	SIZE	BAGS/CASE	WEIGHT/CASE	THICKNESS
VBS00001	4 x 6	2,000	14 lbs	4 mil
VBS00002	6 x 8	1,000	14 lbs	4 mil
VBS00003	8 x 10	1,000	32 lbs	4 mil
VBS00004	9 x 12	1,000	39 lbs	4 mil
VBS00009	10 x 12	1,000	42 lbs	4 mil
VBS00005	12 x 18	500	30 lbs	4 mil
VBB00065*	18 x 24	250	29 lbs	4 mil
VBB00055*	24 x 36	200	50 lbs	4 mil

* Perforated on a roll

VCI FILM

VCI2000 Film is made with the latest polymer technology. Our unique film will provide maximum strength, flexibility and puncture resistance needed in aggressive shrink application. Our films are Impregnated in low temperature with vapor corrosion inhibitors (VCI's) to protect ferrous and most non-ferrous metals from corrosion.

FEATURES & BENEFITS

- Film is transparent for ease of product identification
- Provides up to 24 months of continuous protection
- Metals protected: Carbon steel, stainless steel, copper, brass, aluminum, galvanized steel

IN STOCK

ITEM	WIDTH	LBS/ROLL	ROLL/LENGTH
VSF00001	36" x 500' x 4mil	29	500'
VSF00002	48" x 500' x 4mil	38	500'
VSG00011	240" x 100' x 4mil	44	100'
VSG00015	144" x 250' x 4mil	57	250'



PHYSICAL PROPERTIES

		Tear Strength (psi)	Elongation (%)
		ASTM D1004	ASTM D882
4 mil	MD	2,490	740
	TD	2,330	935
5 mil	MD	2,850	870
	TD	2,790	1,000

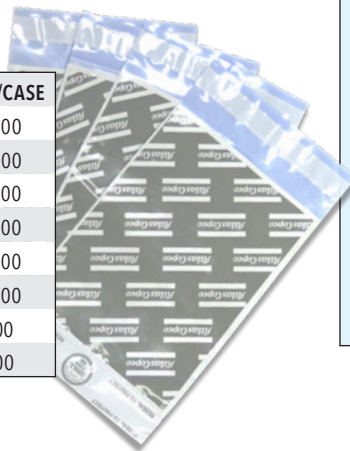
VCI ZIPPER BAGS

FEATURES & BENEFITS

- Tamper-Evident bag option (as shown)
- Reusable
- Transparent for easy inspection
- Eliminate cleaning after storage
- Metals protected: Carbon steels, stainless steel, copper, brass, aluminum, silver, galvanized steel

IN STOCK

ITEM	SIZE	THICKNESS	WEIGHT/CASE	BAGS/CASE
VBZ00033	3" x 5"	4 mil	14	2,500
VBZ00001	4" x 6"	4 mil	16	2,000
VBZ00002	6" x 8"	4 mil	16	1,000
VBZ00003	8" x 10"	4 mil	37	1,000
VBZ00004	9" x 12"	4 mil	45	1,000
VBZ00014	10" x 12"	4 mil	48	1,000
VBZ00035	12" x 15"	4 mil	34	500
VBZ00005	12" x 18"	4 mil	35	500



LONG TERM CORROSION PROTECTION*

The slow release vapor action protects the exterior as well as hard-to-reach interior surfaces. It is self-healing and will provide 24 months of long-term protection for storage and overseas shipments. The VCI molecules volatilize and migrate with air, then condense on all metal surfaces - reaching all exposed and recessed areas.

VCI TUBES

FEATURES & BENEFITS

- A versatile and cost-effective packaging solution
- Strong yet flexible; provides excellent corrosion protection, as well as making the product tamper-proof
- Transparent, making product identification simple for overseas shipments
- Metals protected: Carbon steels, stainless steels, copper, brass, aluminum, silver, galvanized steel



VCI2000® Tubes are made with the latest polymer technology. Our unique film will provide maximum strength, flexibility and puncture resistance needed in aggressive packaging applications. Our Tubes are impregnated in low temperature with vapor corrosion inhibitors (VCI's) to protect ferrous and most non-ferrous metals from corrosion.

LONG TERM CORROSION PROTECTION *For more detail see above.

IN STOCK

ITEM	SIZE	THICKNESS	LBS/ROLL	ROLL/LENGTH
VTT00020	4" x 500'	4 mil	8	500'
VTT00021	8" x 500'	4 mil	15	500'
VTT00006	8" x 500'	6 mil	22	500'
VTT00009	12" x 500'	4 mil	22	500'
VTT00015	24" x 250'	6 mil	32	250'

VCI EMITTER PACKS

FEATURES & BENEFITS

- Emitter begins working immediately, filling the package space with VCI protecting vapors
- Metals protected: Carbon steel, iron, stainless steel, copper, brass, aluminum, zinc, silver, and galvanized steel

IN STOCK

ITEM	NAME	SIZE	QUANTITY/ CASE	STORING TEMP	PROTECTION CAPACITY
EM100004	Emitter Pack #3	2" x 2.75" (50mm x 70mm)	250	≥ 130°F (55°C)	Up to 3 ft ³ (80 liters) for 24 months
EM100005	Emitter Pack #15	2" x 3.50" (50mm x 90mm)	50	≥ 130°F (55°C)	Up to 15 ft ³ (420 liters) for 24 months



Each VCI Emitter Pack contains a Vapor Corrosion Inhibitor (VCI) powder which protects ferrous and non-ferrous metals against corrosion, oxidation, tarnish and discoloration.

The packs provide an extremely efficient method for the dry preservation of metal parts within an enclosed space. The VCI vaporizes and then adsorbs on all metal surfaces, reaching even the most difficult recesses and interior voids.

VCI PAPERS

VCI Papers are a high-quality kraft paper that is saturated with 100% Nitrite free powerful VCIs (Volatile/Vapor Phase Corrosion Inhibitors). This provides an extremely effective method of dry corrosion protection of ferrous metals and most non-ferrous metals in hard-to-reach metal surfaces. Our VCI papers come in a variety of grades and shapes.

VCI2000® Papers are also available with barrier properties to protect against moisture and with different backings such as plain, extensible, PE-coated, OPP/PET-laminated, woven and reinforced.

VCI2000 #35 KRAFT PAPER ROLLS

ITEM	SIZE	QUANTITY/CASE
VSP00001	36" x 600' (200yds)	32
VSP00002	48" x 600' (200yds)	43
VSP00003	24" x 600' (200yds)	22
VSP00009	36" x 1200' (400yds)	64
VSP00008	48" x 1500' (500yds)	108
VSP00010	12" x 1200' (400yds)	22

FEATURES & BENEFITS

- Multi-metal corrosion protection up to 24 months
- Does not affect electrical or mechanical surface properties
- Metals protected: Carbon steel, iron, stainless steel, copper, brass, aluminum, zinc & galvanized steel

VCI2000 #35 PAPER SHEETS

ITEM	SIZE	QUANTITY/CASE
VIP00019	6" x 6"	1000
VIP00028	9" x 9"	1000
VIP00010	9" x 12"	1000
VIP00012	12" x 12"	1000
VIP00062	12" x 18"	1000
VIP00027	18" x 18"	1000
VIP00063	24" x 24"	500
VIP00064	24" x 36"	500



VCI STEEL WRAP

FEATURES & BENEFITS

- Self-healing
- Tear resistant
- Slow release vapor action protects the exterior as well as hard-to-reach interior surfaces
- Long-term 24-month corrosion protection for storage and overseas shipments
- Metals protected: Carbon steels, stainless steels, copper, brass, aluminum, galvanized steel

IN STOCK

ITEM	SIZE	ROLLS/PALLET
VSW00001*	36" x 600'	30
VSW00002	48" x 600'	30
VSW00003	60" x 600'	30
VSW00004	72" x 600'	30

*Custom order

VCI Steel Wrap woven films are especially designed for the steel industry to protect flat and coiled steel, steel wire, and more against corrosion with superior strength and tear resistance. As an excellent packaging solution for shipping and storage of large machinery, our films are impregnated in low temperature with vapor corrosion inhibitors (VCIs) to protect ferrous and most non-ferrous metals from corrosion.



PHYSICAL PROPERTIES

Grab Tensile (N) ASTM D5034	Warp 90 lb (400)	Weft 85 lb (377)
Tongue Tear (N) ASTM D2261	Warp 30 lb (133)	Weft 30 lb (133)
Trapezoidal Tear (N) ASTM D4533	Warp 35 lb (155)	Weft 30 lb (133)
Mullen Burst ASTM D3786	130 psi (923kPa)	

VCI STRETCH FILM



VCI Stretch Film is an innovative vapor corrosion inhibiting (VCI) stretchable plastic film for banding and wrapping large metal parts in shipment or storage. Our co-extruded linear low-density polyethylene (LLDPE) stretch film combines excellent strength properties achieved by utilizing multiple resins in three distinct, pure layers. VCI2000® stretch film provides a cost effective solution for corrosion protection of ferrous and most non-ferrous metals.

LONG TERM CORROSION PROTECTION

*For more detail refer to page 4

FEATURES & BENEFITS

- High puncture and tear resistance
- High cling levels
- For hand or machine wrap applications
- Metals protected: Carbon steel, stainless steel, copper, brass, aluminum, silver, galvanized steel

IN STOCK

ITEM	SIZE	THICKNESS	WEIGHT/CASE	ROLLS/CASE
VSF00054	5" X 900'	.001	28 lbs	12
VSF00010	18" x 1,500'	.001	44 lbs	4
VSF00011	20" x 1,500'	.001	55 lbs	4
VSF00012	20" x 4,500'	.001	37 lbs	1

VCI WIRE STRIP

FEATURES & BENEFITS

- Easy and safe to use
- Quick removal
- Eliminate degreasers or cleaning chemicals
- Metals protected: Carbon steels, stainless steel, copper, brass, aluminum, silver, galvanized steel

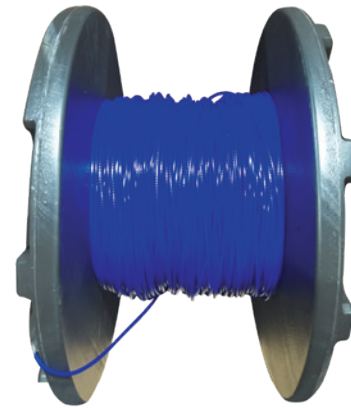
IN STOCK

ITEM	SIZE	WEIGHT/ROLL
EMI00012	1/8" (3mm) x 1000'	4 lbs

PHYSICAL PROPERTIES

DIAMETER	COLOR	SHELF LIFE	LIFE SPAN
3 mm (±1 mm)	Blue	2 years	2 years

VCI Wire Strip is designed for corrosion protection of tubes, pipes or conduits in storage or during shipping. The wire strip is placed inside the tube or pipe diameters of up to 6" (150 mm) which is then capped or sealed. The length of the wire strip should equal the length of the pipe. Within hours, the vapors from the wire strip saturate the enclosed air space with protective vapors, that forms a thin molecular layer on metal surfaces to protect metals against corrosion during operation or storage.



VCI BUBBLE BAG

VCI (Vapor Corrosion Inhibitors) Bubble Bag provides the ideal way to protect high precision metal finishes from marring, scratching and corrosion while in transit or storage. Bags are constructed in two layer of extruded VCI film for maximum protection.

The slow release vapor action of VCI2000® film protects the exterior as well as hard-to-reach interior surfaces of metal parts. VCI2000® film is self-healing and will provide 24 months of corrosion protection, making it ideal for storage and overseas shipments.



FEATURES & BENEFITS

- Easy openings to reduce labor costs and increase productivity
- Superior puncture resistance to prevent damage during transit
- Outstanding tear strength
- Resistant to water and dirt
- Metals protected: Carbon steel, stainless steel, copper, brass, aluminum, silver, galvanized steel, solder, silicone steel

IN STOCK

ITEM	SIZE	BUBBLE HEIGHT	BUBBLE DIAMETER	COLOR	BAGS/CASE	WEIGHT/CASE	ANTI-STATIC (OPTIONAL)
VBE00004	4" x 6" + 1.5" LIP	3/16" (4.7mm)	3/8" (9.5mm)	Blue	1,250	15 lbs	Yes
VBE00008	6" x 8" + 1.5" LIP	3/16" (4.7mm)	3/8" (9.5mm)	Blue	600	15 lbs	Yes

NORTH AMERICA

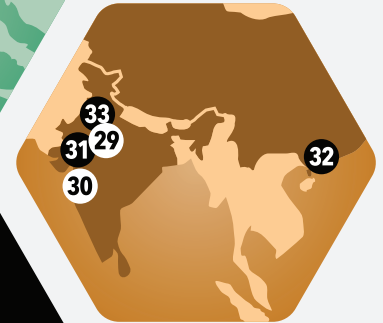
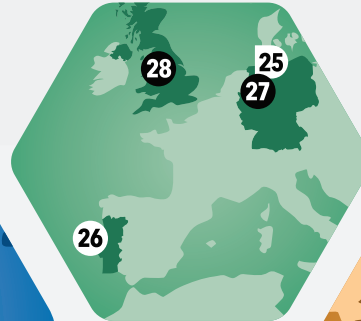
1. Ansonia, CT
2. Atlanta, GA
3. Bardstown, KY (2)
5. Blythewood, SC
6. Brighton, CO
7. Carbondale, IL
8. Carlstadt, NJ
9. Carrollton, TX
10. Chicago, IL
11. Corona, CA
12. Cornwall, ON
13. Danville, VA
14. Everetts, NC
15. Marysville, MI
16. Menasha, WI
17. Midland, NC
18. Montreal, QC
19. Sarasota, FL
20. Schaumburg, IL
21. Springfield, OH
22. Toronto, ON
23. Tremonton, UT
24. Truro, NS

EUROPE

25. Flensburg, Germany
26. Porto, Portugal
27. Soest, Germany
28. Widnes, UK

ASIA

29. Chopanki, India
30. Daman, India
31. Dahej, India
32. Jiangmen City, China
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