

THE KORDITE CO.

DIVISION OF NATIONAL DISTILLERS & CHEMICAL CORP.



Four modern manufacturing plants to serve you quicker and better. Five regional sales offices, International Headquarters, London, England.



Over 80 own sales representatives and field managers, strategically located throughout the country for a quick and thorough service.



Kordite's new Research & Development Center, employing over 250 persons, constantly finding ways to new and improved polyolefin products.

THE LATEST DEVELOPMENT...

the HEAVY DUTY UNIWALL
ALL-POLYETHYLENE SHIPPING BAG

KORDITE "... continuously on the move for improved packaging through polyolefin . . ."



NOW

TREMENDOUSLY IMPROVED BAG

NEW RESIN DEVELOPMENTS – an outgrowth of joint research by Kordite and its sister company, U. S. Industrial and Chemical Company – now brings you a uniquely strong polyethylene – especially adapted to heavy duty performance, even at lighter gauges.

"FOOL-PROOF" SEALING METHODS

From extensive research in sealing techniques has emerged the new Kordite "Hi-Strength" bottom seal which actually gives the seal stronger characteristics than the film itself.

Continuous experiments have now found new field sealing methods, employing the poly-tape-over principle, by which extremely strong field seals can be made, even under the most dusty conditions.

These are but a few of the latest developments of the Kordite Heavy Duty Polyethylene Shipping Bag – eliminating many of the weaknesses of the paper bag and adding several unique

ADVANTAGES OF ITS OWN:

MOISTURE PROOF—DUST PROOF

FOR OUTSIDE STORAGE—PRODUCT PROTECTION



Macedon Fire Department turns hose on stack of bags filled with Triple Super Phosphate, made for Armour Agricultural Chemical Co., 7 mil bag.

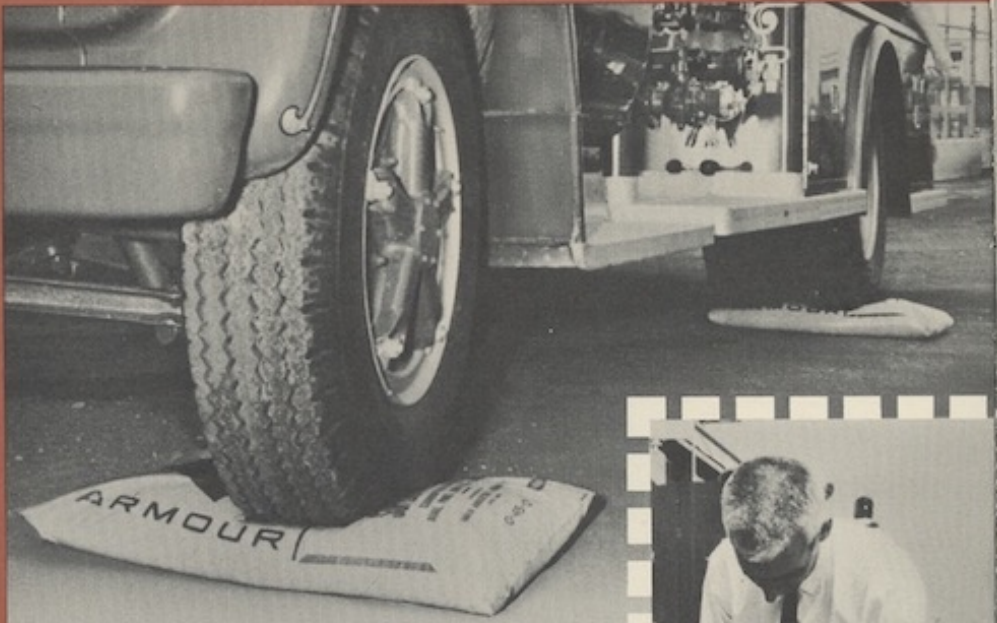
Inspection finds product completely dry.



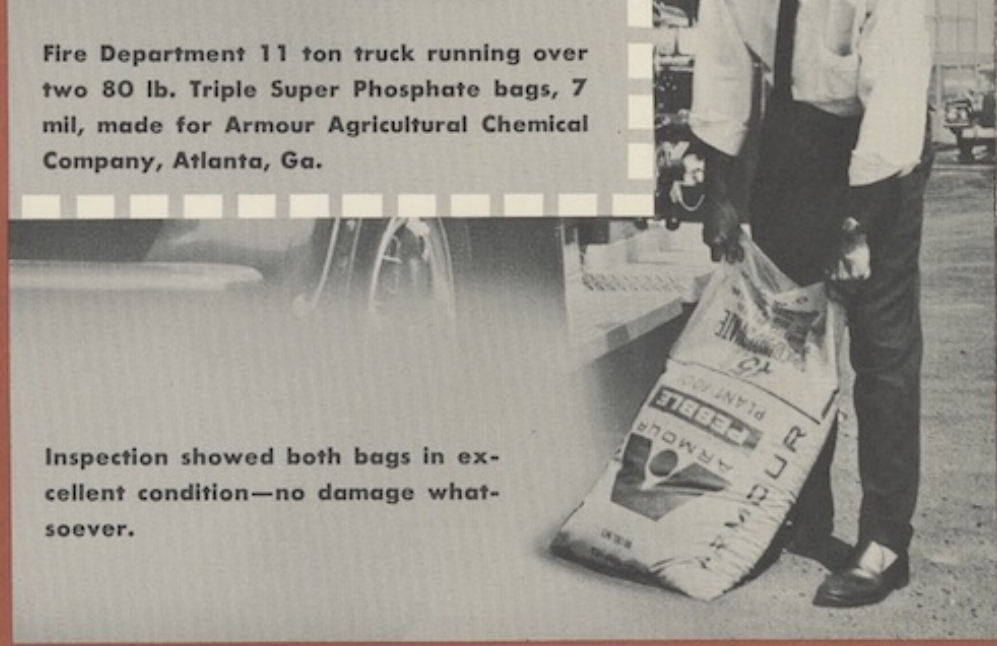
STRONGEST—TOUGHEST PACKAGE AVAILABLE



50 lbs. of peat, in a 5 mil Kordite bag, made for Anderson Peat Company, Michigan is dropped 40' on to a concrete platform.



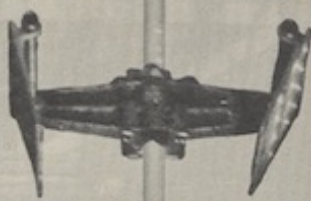
Fire Department 11 ton truck running over two 80 lb. Triple Super Phosphate bags, 7 mil, made for Armour Agricultural Chemical Company, Atlanta, Ga.



Inspection showed both bags in excellent condition—no damage whatsoever.



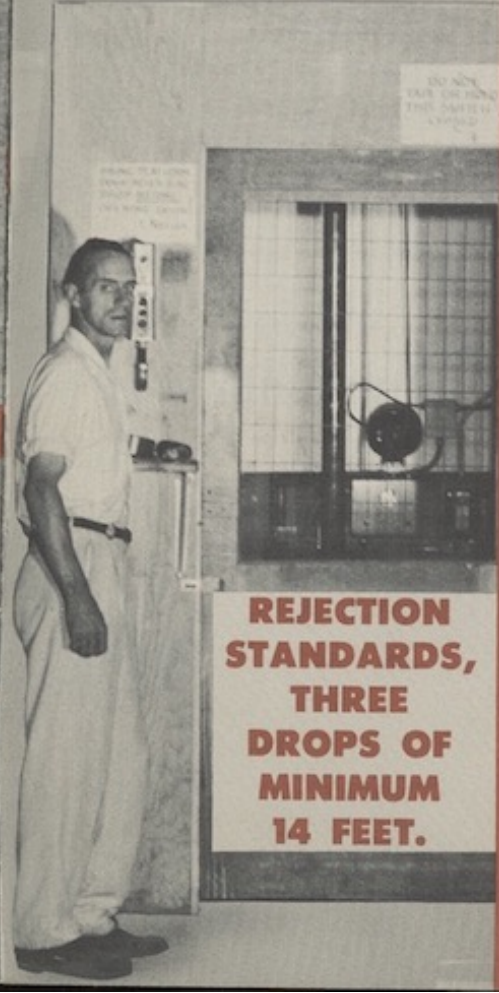
Inspection after drop reveals no damage to the bag.



**EVERY
PRODUCTION
RUN**



**IS
THOROUGHLY
DROP
TESTED.**



**REJECTION
STANDARDS,
THREE
DROPS OF
MINIMUM
14 FEET.**

CHEMICALLY INERT

NO BAG CORROSION DUE TO ACID CONTENT OF PRODUCT.



Kordite Heavy Duty Polyethylene bag (6 mil) and 4 ply paper bag containing Calcium Hypochlorite stored for 3 weeks. Paper bag was completely corroded, polyethylene bag showed no signs of corrosion.



LOW VOLUME ...LIGHT WEIGHT

Compared to paper the polyethylene bag requires 1/6 of inventory warehouse space and is 2/3 lighter in shipping weight.

UNIQUE MERCHANDISING APPEAL

FOR "SEE THROUGH" DISPLAY OF QUALITY PRODUCT—INVENTORY IDENTIFICATION



Mr. Al Honan of Flower City Peat Co., Springwater, N. Y., quadrupled his sales in 1961 after going to the all polyethylene Kordite Bag.



W. R. Grace & Co., Davison Chemical Division, Bartow, Fla., dramatizes its unique Hi-Flo Gran-U-Lated Triple Superphosphate by effective use of the "see through" all polyethylene bag.



MORE ECONOMICAL FOR A VARIETY OF USES

Mr. Ken Anderson, President, Anderson Peat Company, Imlay City, Michigan, saved approx. 20% on burlap packaging costs by going to a 5 mil all-polyethylene Kordite bag.

A SUCCESSFUL APPLICATION MIXED FERTILIZER

SALES: AN UNSOLICITED STATEMENT, FROM
CHARLES HARRIS, JR., AGRONOMIST,
FEDERAL CHEMICAL CO., LOUISVILLE, KY.:

“During the past several weeks, I have had the opportunity of working with seven of our salesmen in the Nashville division. During this period we have contacted quite a few dealers and farmers with information concerning the use of our new polyethylene bag.

I cannot recall anything in the past that has been so enthusiastically received. Acceptance has been 100% in the contacts I have made.

In addition to the quality of the bag, there is no similar product on the market today that can approach us on looks . . .”

PRODUCTION: MR. J. H. FERGUSON,
PLANT MANAGER,
NASHVILLE DIVISION
reports to home office:

“We are getting a good number of compliments from customers who haul by truck. Several of them have made the statement that the polyethylene bag rides equally as well if not better than paper”

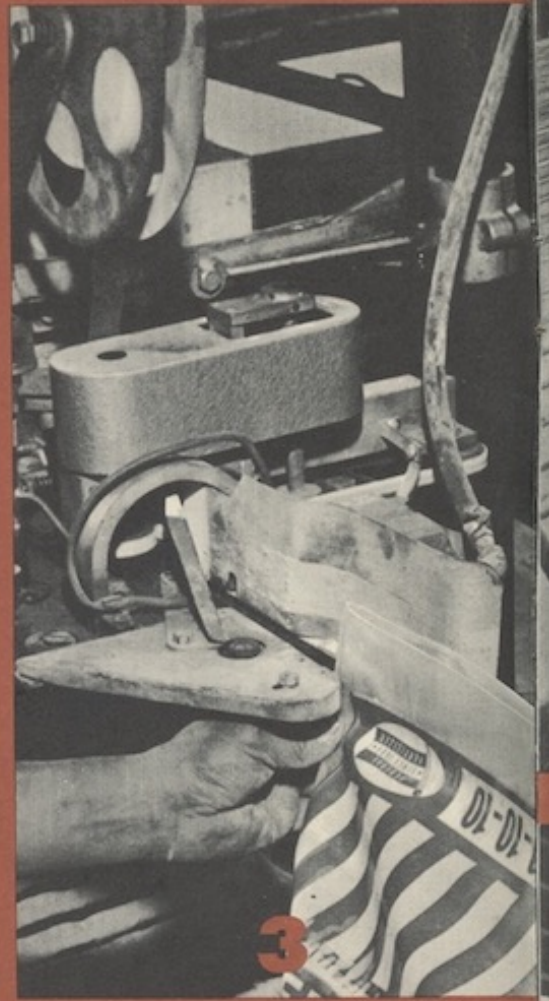
“The polyethylene bags appear to have proven out satisfactorily as a container of fertilizer for shipment by rail as well as truck”

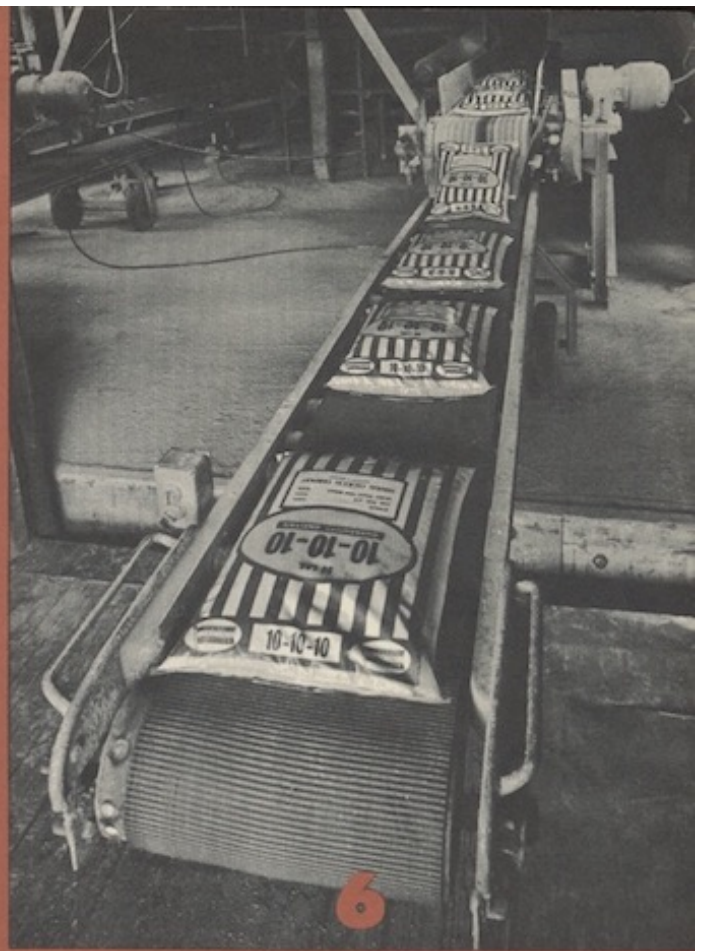
“Our production is progressing satisfactorily. We can consistently get 22 bags per minute, and I certainly expect our speeds to increase as we get more experience”

“To sum it all up in a few words it adds up to this, we do not have enough capacity with one sealer to take care of the demands for fertilizer in polyethylene bags at this time”

MR. FERGUSON'S OPERATION:

- 1 FILLING
- 2 EVACUATING AIR
- 3 LEADING INTO SEALER
- 4 SEALING
- 5 CONVEYING
- 6 LOADING
- 7, 8 STACKING
- 9 RAILROAD CAR PREPARATION







TYPICAL FERTILIZER BAG PARTICULARS

BAG SIZE . . .

17 x 26 INCHES

GAUGE . . .

5 MIL

PRINTING . . .

2 COLORS, FRONT AND BACK

SEALING . . .

**DOUGHBOY CBS-CH
W/TAPE-OVER ATTACHMENT**

SPEEDS . . .

22-27 BAGS/MIN

AVERAGE CONVERSION COSTS . . .

\$4,000-\$7,000 (INCL. SEALER)



5-20-20
GUARANTEED ANALYSIS
NITROGEN 5.00%
AVAIL. PHOS. ACID 20.00%
SOLUBLE POTASH FROM NITRATE 20.00%
FEDERAL CHEMICAL COMPANY
MEMPHIS, TENN.
HARRISBURG, PA.
BOSTON, MASS.
BALTIMORE, MARYLAND

LET

KORDITE

ALSO ASSIST
YOU
IN ACHIEVING

**“PEACE OF MIND
PACKAGING”**

**FOR TECHNICAL SERVICE
AND ASSISTANCE
...CONSULT OUR
REPRESENTATIVE...**

**WRITE
WIRE
CALL**

KORDITE

**KORDITE CO.
MACEDON, NEW YORK**