



PRODUCTS COMPANY

PIPE JOINT COMPOUND**PIPE JOINT COMPOUND****One formula for all uses!
(NO INVENTORY PROBLEMS)****The answer to your sealing problems
"It EXPANDS as it sets"*****Expands as it Sets***

X-Pando is not an ordinary pipe joint compound. It is in no sense a thread "dope" or paste. It is a prepared pipe cement . . . a dry powder consisting of certain oxides and minerals which are combined in correct proportions and mixed with water on the job. After setting, a slight but definite expansion produces an extra-tight joint which prevents leaks. This is the only pipe joint compound that makes use of the expanding qualities.

For Most Joints

X-Pando is the ideal compound for use on iron, steel, brass, copper, stainless and plastic pipe . . . for threaded or flanged joints. On most flanged types of joints, a gasket is not required. The use of the troublesome wick is not needed on brass, copper and soft types of pipe, because the expanding action of the compound effectively seals the joint.

Easy to Apply

Simply mix the compound with clean water and apply. X-Pando is easy to use; requires no special skill and is simple to apply to any joint . . . and for many other uses. Its great efficiency demonstrates itself even in the most inexperienced hands.

Non-Toxic

X-Pando does not contain any lead or asbestos . . . it is non-toxic, tasteless and odorless. A material that is non-combustible and does not emit dangerous gases when applied or heated. A truly "State of the Art" material for use in a "Safety Conscious environment."

Joints Ready for Use—Immediately

For ordinary pressures a joint made with X-Pando may be immediately placed in service. Where pressures may be unusually high, allow time for the compound to set. It takes 24 hours at room temperature for X-Pando to set hard, at which time, the joint will take the high pressures.

One Formula for Most Purposes

X-Pando Pipe Joint Compound is made in one unique formula which applies to most types of work. This standard formula seals joints on most types of pipe. Stock inventory is therefore simplified.

For That "Difficult" Joint or Sealing Problem

If you're engaged in pipe work, you're familiar with some particular type of joint which is forever causing trouble. The plant or maintenance man always has one or more of these "problem joints". The port engineer knows of several! Use X-Pando on these tough ones . . . it will show you why X-Pando is the standard compound, throughout American industry.

Joints Readily Taken Apart

Despite its remarkable bonding and sealing qualities, joints made up with X-Pando are readily taken apart. Just rap the fitting smartly as you apply a strain.

Economical

Its economy is one of the outstanding merits of X-Pando Pipe Joint Compound.

One pound of X-Pando does the work of 4 to 6 pounds of ordinary compounds. A very small amount is needed per joint. You mix X-Pando only as you use it . . . there is no waste from drying out.

Multilated or unmatched threads are sealed by the expanding action of X-Pando. This expanding action corrects imperfections in threads and flanged surfaces . . . thus allowing you to utilize more of your piping materials and decrease "take down" expenses due to leaking systems.

Other Specific Applications

Industry has used X-Pando for years to assemble gas generators, diesel engines, super heaters, ammonia washers, condensers, tar extractors, purifiers, pump and on high-pressure superheated work, meters, valves and oil burner lines.

Also use to repair sand holes and cracks in pipes at low pressure, castings and for anchoring studs or bolts in metal or masonry.

Other Compounds Do Not Have All These Features

X-Pando withstands high pressures, deflections and vibrations. It is not affected by changes in atmospheric conditions and is extraordinary in its capabilities to withstand high temperatures.

The compound is insoluble in gasoline, steam, water, mineral spirits, hydrocarbons and most liquids and gases, except the heaviest of acids handled in metal pipe. Once set . . . it stays set.

X-Pando Pipe Joint Compound has been accepted by G.S.A. R-2-58-32, U.S. Navy 8030-274-4170, U.S. Army 8030-616-77694 and many of Americas Leading Industrial Companies. This material has been stocked and sold by accredited distributors throughout the United States, Canada and world wide for over **50 Years**.

Underwriters' Laboratories, Inc.

X-Pando has been successfully tested by the Underwriters' Laboratories, Inc., for use on joints in lines carrying butane, gasoline and other types of petroleum oils, and natural gas. The compound has been rated as a non-combustible material.

Used in Every Field

X-Pando is **THE** compound for use on lines of air, salt or fresh water, steam, oil, gasoline, butane, propane, molasses, alcohol, chocolate, ammonia, and hot and cold tar. It will even hold drip oil in gas mains and will set in a vacuum. Also ideal for use on straw oil, fuel and lubricating lines, cargo lines and most types of piping aboard ships. X-Pando is specified by many leading industrialists for use on refrigerants, chemicals, hydraulic lines and for sealing joints in pipes carrying CO₂, freon, oxygen, helium, nitrogen, etc.

Expands Slightly After Setting