

Triple Choice Polytron® Materials

Advanced Composite Technology



Since 1977, Bill Sawyer has been developing composite materials for the Paper Industry.

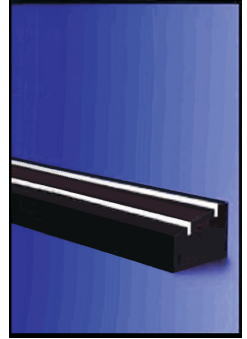
Our company is known for solving problems. From the composite graphite, the Teflon® insert, and the newest base material with powdered Teflon®, Sawyer's commitment is to help make paper faster with the TRIPLE CHOICE OF MATERIALS.

Polytron® K-2

RAPID BREAK-IN WEAR GAUGE

A small lip of Teflon® above the base material wears inside the shell and conforms to any irregularities that are within the shell.

The Teflon® is installed 0.375"/10mm in the material. This helps to accurately measure the wear of the material during maintenance.



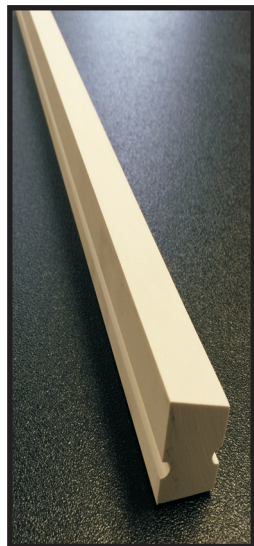
LUBRICATION ENERGY SAVINGS

The combination of the Teflon® strip embedded on the top of the shell and the graphite within the matrix, assures proper continual lubrication from startup to shut down.

The Teflon® Lip smears inside the shell creating a thin layer makes the coefficient of kinetic friction the lowest material made, thus reducing the mill Energy Costs



ToughLON®



ToughLON® the newest breakthrough in Composite Technology combines multiple materials to create the perfect wear material. It has powdered Teflon® for internal lubricity and is the closest material available to solid Teflon®. As part of the Polytron® line of materials, **ToughLON®** has the flexibility needed for shipping, installation and during use. It has proven to wear longer than the flex-graphite materials.

Polytron® P

Water Proof Weather Proof Wear Proof UV Proof



The Polytron® P composite material is reliable and energy efficient. The raw materials used can handle the harsh chemicals and the hot environment of a paper machine suction roll. The Polytron P material is the preferred material for OEM and Rebuilders. The Polytron P material lasts and fits their customers budget.

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MATERIALS MANUFACTURER