

# POLYTRON<sup>®</sup> SMARTSeal

The Newest Generation of Suction Roll Seal Strips

## Perfect Solution to Saving Energy Dollars...

- Flexible, Flexible, Flexible
- Low Dynamic Coefficient of Friction
- Continual Lubrication
- Built-in Wear Gauge
- Excellent wear properties
- Strong
- Rigid enough to be stable in the roll
- Lightweight in handling
- Rapid Break-in
- Not brittle
- Easy to install
- Resistant to harsh chemicals
- Base Material is strong
- Clean Strip
- Leaves no residue

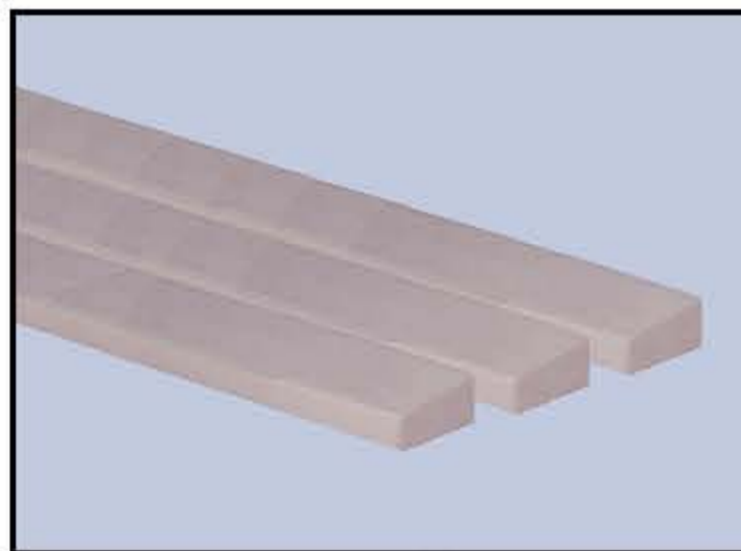
The Polytron<sup>®</sup> SMARTSeal is designed to meet the needs of the harsh environment inside a Suction Roll without the use of Graphite. The internal lubricity is provided by Teflon powder embedded within the matrix.



**PROOF not Promises!**



POLYTRON <sup>®</sup> SMARTSeal			
ASTM D638	Tensile Strength	13,400 PSI	93N/mm
ASTM D695	Compressive Strength	17,100 PSI	118N/mm
ASTM D790	Flexural Strength/Flexural Modulus	21,900 PSI/950,000	150N/mm
ASTM D570	Moisture Absorption	Nil* No Dimensional Change	
ASTM D792	Density	1.210 g/cm	
ASTM D696	Coefficient of Lineal Thermal Expansion		
	Maximum Operating Temperature	250F°	115C°
ASTM D1894	Coefficient of Kinetic Friction Surface	uk w/Teflon on S.S. 0.12	



Order the entire Rebuild Kit to complete the job.  
The Polytron<sup>®</sup> Guarantee insures the Quality!

**We are the only manufacturer that stamps identification numbers into the material... and the only one to offer an unconditional product guarantee!**

### Ask about our... "Seal Strip Performance Analysis"

This program is designed to maximize your efficiency inside your Suction Roll. We follow the performance of our strips after the shipping, after the installation, and after the use. When the cycle is over, we will report back to the customer.

*Just another way to get the most value out of our products!*

On-line Quotes [www.sawyerplastics.com](http://www.sawyerplastics.com)

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INDUSTRIAL PLASTICS, INC.  
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Advanced Materials Technology