

BELTING

Briefs

Pyramid's History in Brief

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Special points of interest:

- A brief History of Pyramid Incorporated.
- A New Tool
- Meet our people
- Web site info
- Warranty news

Pyramid was founded in 1967 by the late Thomas R. Smith and his son Thomas R. Smith, Jr. Tom Sr. was nearing the end of a long and illustrious career at the Maytag Company where he was instrumental as Director of Research and Development in establishing the company as one of most quality oriented manufacturers of our time. He had worked long and hard to make sure the Maytag repairman remained lonely.

The two Toms' elected to establish a business to provide drive belts manufactured from a newly created plastic called polyurethane. This material had recently been developed in Europe and was finding uses in applications in the USA as well as other countries. Manufacturing belts, of any plastic, however, was completely unique. Prior to this time drive belts had been made from leather, rubber or

heavy cloth. Polyurethane had attributes which were perfect for belts in abrasive situations. While unrein-



Thomas R. Smith 1909-2001

forced polyurethane was not suitable for heavy torque loads it performed better than any other known material for low and fractional horsepower applications and our founders were quick to realize this. In addition the belts could be stretched onto an application eliminating the need for tensioning devices and adjustable centers.

Since its establishment 35 years ago our company's goals have been to manufacture products that would be remembered for their unquestionably high quality and to provide service that was exceptional.

In the early days Pyramid not only produced drive belts but also injection molded small polyurethane components for the agricultural and

other industries. After many year we decided to concentrate all of our efforts on belt making and the molding business was sold.

While many changes have taken place in our organization, such as automation of many facets of belt production, we still hold to those original goals. In our organization we stress Quality every day. We continue to purchase the very best in raw materials and to employ skilled people steeped in the quality tradition of our community while we expend every effort in meeting all deadlines.

I guess some things haven't changed all that much.

Have you visited our web site?

Pyramid's web site www.pyramidbelts.com is just brimming over with information and tools which we think can be of value to you. Information such as an explanation of the technique we use to create welded belts, a discussion comparing welded belts with

molded belts, application guidelines and data sheets on our varied Pyrathane materials. Size charts, stretch recommendations and physical property data is also presented. Application assistance with round belts, flat belts and connectable belts is

included as well as information regarding round and flat extrudate. You will also find a belt length calculator and belt tension calculators which are very helpful tools.

Check us out ... and let us know if there's something you would like to see added.

“Pyramid stands firmly behind any product it offers”

Members of the Pyramid Team



Lee Swenson

Executive Vice President and General Manager

Lee joined Pyramid Inc. in August of 1976 and celebrated his twenty fifth anniversary with us last year.

Prior to his joining the Pyramid team he had been, for a number of years, a math sci-

ence teacher in our local school system.

Lee’s expertise and knowledge of the belt manufacturing business has grown tremendously in these many years. He oversees and is responsible for all of the manufacturing processes as well as our human resources.

As is the case in most small companies we all wear many hats at Pyramid and Lee is no exception. On any given day you may find him assisting a customer with engineering questions, taking an order from another customer, ordering a component for our production equipment, dealing with a personnel issue or assisting in the production of a

rush order that must go out.

During Lee’s more than 25 years with our team he and his wife Judy have raised two children, Kirk who resides in San Francisco and Anne who calls Reno her home. Anne has followed in her parents footsteps and is also an educator. Lee has devoted many years to the community as a member of our local school board in an effort to continue his lifelong desire to provide quality educational opportunities for young people.

Say hello to Lee the next time you contact us. He’ll be happy to assist you with any of your needs.

Warranty News

As with almost any manufacturing process occasionally less than perfect parts can be produced. While we work very hard to prevent these things from occurring at Pyramid our best efforts sometimes are not quite enough. We would like to be perfect but we are not quite there yet. And on rare occasions these less than perfect parts might even escape our stringent inspections and reach a customer.

Pyramid’s policy has always been quite simple ... to replace any belts or cord that are found to have a manufacturing defect.

We have formalized this policy and can now make it available to any of our customers that would like to know exactly what our policy might be.

We work hard to limit the need for this information but we feel it assures you, our

valued customer, that Pyramid stands firmly behind any product it offers.

Please let us know if you would like a copy of our warranty for your files.



Tidbits

Pyramid’s name, which has nothing to do with what we manufacture or the schemes we all try to avoid, came from the telephone prefix used in our community way back when there were operators to direct your calls.

since 1972 which has grown to 17,000 sq ft entirely devoted to belt manufacturing.

Our employees have combined belt making experience of exceeding 300 years and still counting.

If you know of someone in your organization or an associate who might enjoy this newsletter please let us know and we will be happy to forward a copy to them.

While Pyramid’s first home was a rented garage we have occupied our own building

Over the years Pyrrathane products have been exported worldwide to 35 countries.

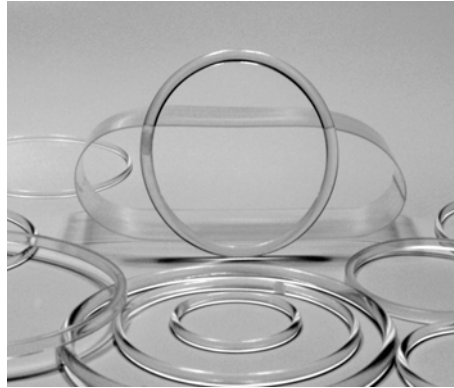
We know you are busy and will not bother you with frequent newsletters of little importance. Belting Briefs will be published when there is news to share.

Built to be a

You may have seen Pyramid's advertisements which are regularly placed in nationally known industrial and design publications. One ad in particular has a headline that suggests "if you use "O"rings as drive belts try the Pyrathane Power Transmission Belt ... Built to be a Belt".

This ad is directed at those of us whose use the term "O"rings as if it were interchangeable with "drive belts".

We believe there should be a distinction made. "O"rings are, of course, molded to standard sizes and are typically used as seals.



Pyrathane® Belts

Pyrathane belts, on the other hand, are manufactured specifically to a desired size which means a customer is not forced to settle for a "standard" size which may not work as well. In addition

Belt

and more importantly a Pyrathane belt is manufactured of material that has been found to be the very best for drive belt applications. Material that will tolerate constant flexing and abrasion while at the same time provide ample tension to transmit torque from pulley to pulley. Material that is tolerant of not only ozone but those oils and greases commonly found in drive applications. In other words ... Belts Built to be Belts

New Belt Welding Kit Available

Pyramid Inc. recently introduced the Handi-Weld Belt Welding Kit.

Designed as a prototyping or maintenance tool the Handi-Weld Belt welding Kit is easy to use and allows on the spot immediate belting needs to be addressed.

This kit includes everything needed to create an endless polyurethane belt but the extruded Pyrathane round cord or flat extrusion, which can, of course, be purchased from Pyramid Inc..

The clamping device is designed to hold any round cross sectional material from .062" (1.57mm) through .562" (14.27mm). Any flat extrudate from thicknesses of .030" (.76mm) through .187" (4.75mm) can also be clamped. The device holds these materials in align-



ment while the ends are being melted and then allows the ends to be brought together and held during cooling while maintaining alignment.

The clamp is constructed of rugged black anodized aluminum but is compact enough

to get in around other equipment. Overall clamp length, including handles, is approximately 7-1/2". Thumb screws allow tool free clamping and welding.

Included in this kit is a non-

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"This kit includes everything needed to create an endless polyurethane belt"

BELTS OF THE
HIGHEST QUALITY

SERVICE NO LESS
THAN EXCEPTIONAL



**PYRAMID
INCORPORATED**

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Secretary
Robin Dungan

**We are at
your service
... give us a
call**

Our Goals

*Unquestionably High Quality Products
manufactured efficiently by a team of
satisfied employees.*

You will find our service and deliveries
absolutely unbeatable

Things you might not have known we offer

Welding Kit

(Continued from page 3)

stick heat wand that is preset to the proper temperature to achieve the highest quality weld possible. A set of flush cut clippers are also included for removing the flash created in the welding process.

Welding instructions as well as a Pyrathane cord price list complete the kit which is provided in a conveniently carrying case that can also be hung on a wall.

Call us for details and pricing.

- Flat belts in thicknesses from .030" thru .187" and widths up to 1.500" with unlimited lengths
- Flat extrudate to the same thickness and width parameters
- Round Cord in cross sectional diameters from .062" through .562"
- Round belts from .062" through .562" and in unlimited lengths
- Any of the above items can be produced in black as well as natural
- Round cross sections are available in metric, US or "O"ring equivalents
- Any of our belts can be produced in one of the seven variation of urethane we utilize.
- Round or flat, belts or cord embodying a UV stabilizer
- Round or flat, belts or cord that is static dissipative
- Round or flat, belts or cord that is resistant to tropical environment.
- Connectable belts in black or natural

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