



PYRAMID INCORPORATED

An ISO 9001 Certified Company

PYRATHANE® BELTS

www.pyramidbelts.com

Pyrathane® Materials

Standard Materials

These are the most commonly used materials for drive belt applications. All standard Pyrathane® materials are FDA approved and exhibit excellent abrasion resistance, coefficient of friction, flex life and resistance to oils, greases and ozone.

Pyrathane® 83A

Our most widely used and versatile material for drive belt applications

Pyrathane® 88A

Higher Shore hardness, modulus and torque carrying capacity*

Pyrathane® 92A

Higher Shore hardness, modulus and torque carrying capacity*

Pyrathane® 70A

Softest Pyrathane® available; lively rubber-like properties, high coefficient of friction*

* as compared to Pyrathane® 83A

Specialty Materials

Pyrathane® 83ASD

Static dissipative

Pyrathane® 83AUV

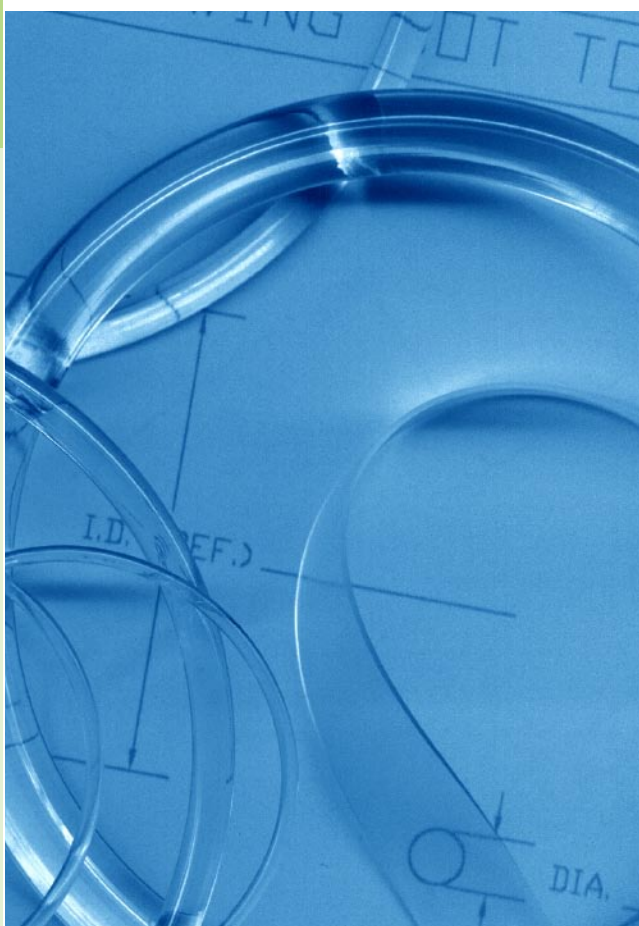
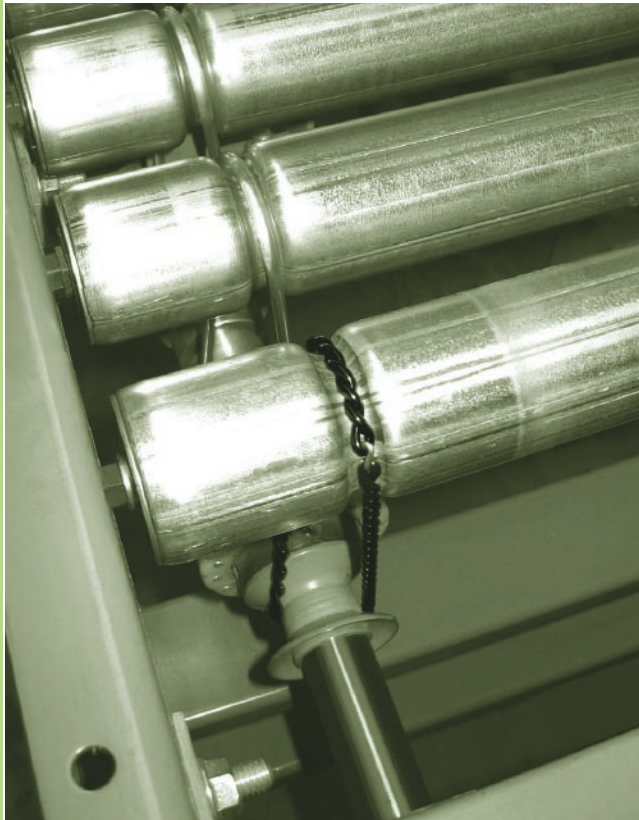
Resistance to high humidity and ultraviolet light

Pyrathane® 90ASD

Static dissipative

Pyrathane® 92AX

FDA approved, wider operating temperature range and chemical resistivity



PROVIDING WORLD-CLASS QUALITY AND CUSTOMER SERVICE

About Pyramid Incorporated

PYRATHANE® is our registered trade name for the polyurethane elastomer used in the manufacture of our endless stretch belts. Pyrrathane® belts are used in a wide variety of low and fractional horsepower drive applications such as live-roller conveyor systems, as well as transport devices for paper, currency and small parts. Other applications include home appliances, metering devices, power tools, hobby equipment, etc. While o-rings are sometimes used as drive belts, our belts provide better performance than standard o-rings.

Pyramid Inc. has been a leader in replacing rubber with polyurethane in stretch belt applications. The Pyrrathane® Power Transmission Stretch Belt continues to prove its many distinct advantages over rubber and other materials in low and fractional horsepower applications.

Pyramid's many years of experience has resulted in the manufacture of a superior belt, exhibiting excellent tensile strength, flex life and wear characteristics. Our outstanding customer service, exceptional deliveries and solid technical support are also greatly appreciated by our customers.

An ISO 9001 Certified Company

Pyramid Inc. has been dedicated to quality products since its beginning in 1967. Our founder, Thomas Smith Sr., built our company on solid performance to his own unwavering standards and that dedication continues today. Our quality statement is, "Providing world-class quality and customer service." This dedication has been with us from the beginning and is the reason we have been so successful. One way we have demonstrated this commitment to being the best belt manufacturer in the industry is through our efforts toward achieving and maintaining ISO 9001 certification. Pyramid has developed a comprehensive Quality Management System (QMS) which covers all of the ISO requirements as well as ensuring the continued improvement of our processes and products.

Bureau Veritas Certification, one of the leaders in the business of ISO registrars, is the company who performed our registration assessment and examines Pyramid's QMS on an ongoing basis to ensure that it continues to meet the ISO standard. Bureau Veritas Certification certifies our management system and does not certify any products manufactured by Pyramid Inc.

Advantages of Pyrrathane® Belts

Pyrrathane® belts are manufactured to our customers' specifications and are of the highest quality.

Advantages include:

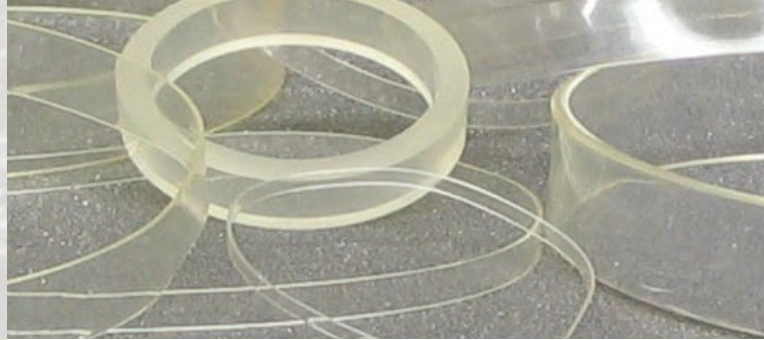
- Our belts offer many times the durability and toughness of rubber, while still exhibiting a desired flexibility.
- The elasticity of Pyrrathane® belts eliminates the need for tensioning devices, allowing for simpler designs and significant cost reductions.
- Pyrrathane® belts have a much greater tensile strength than the finest rubber and are resistant to oils, ozone, greases, fuels and some acids.
- Pyrrathane® belts provide excellent vibration dampening qualities.
- Exceptional abrasion resistance and durability make the Pyrrathane® belt an excellent choice when cleanliness and low particulate generation are necessary.
- Our belts will generally outperform rubber o-rings which are designed to be used as seals and not as drive belts.
- Pyrrathane® belts, even in small production quantities, can usually be manufactured to your specifications at a lower cost than molded belts or o-rings, especially in larger sizes.



Round Belts

Round Belts

Round Pyrrathane® belts can be manufactured in any cross-sectional diameter from 0.062" (1.57mm) through 0.630" (16mm), from any of our Pyrrathane® materials. We produce belts in fractional, decimal and millimeter cross-sections as well as o-ring size equivalents. Our minimum length is 3.75" (95.25mm) in small cross-sections. Larger cross-section belts will have somewhat longer minimum lengths. There is no maximum length limitation on the Pyrrathane® round belt.



Flat Belts

Flat Belts

Flat belts can be manufactured in any thickness from 0.030" (0.762mm) through 0.250" (6.35mm) and almost any width up to 2" (50.8mm), from any of our Pyrrathane® materials. Lengths beginning at 3.75" (95.25mm) are possible in many sizes. Longer minimum lengths are sometimes necessary with thicker cross-sections. There is no maximum length limitation on the Pyrrathane® flat belt.



Connectable Belts

Connectable Belts

The Pyramid Connectable ("PC") Belt has been designed to quickly and easily replace line shaft-to-roller or roller-to-roller belts on live-roller conveyors. They are also known as twisted, quick-connect, or quick-fix belts, as well as a number of other descriptive titles. The PC Belt was originally designed to be a replacement belt on conveyors; however, the twisted belt design has also been used in other applications. While intended to be a temporary fix, the PC Belt has been proven to approach the performance of original equipment belts.

Using the provided heavy-duty stainless steel connector, they can be quickly installed on your equipment without adhesives or welding. This makes repairs easy and keeps downtime to a minimum. Once removed, this belt can be saved and used for future repairs.

We manufacture the PC Belt in standard and custom sizes. While our standard PC Belts are manufactured from black 83A Pyrrathane® and designed to replace a 0.187" (4.75mm) cross-section belt, PC Belts are also available to replace cross-sections from 0.093" (2.381mm) to 0.562" (14.288mm). In addition, we can custom-manufacture PC Belts in other Pyrrathane® materials and a variety of colors.



Round and Flat Cord

Round and Flat Cord

Pyrrathane® round and flat cord is extruded in our facility from the finest polyurethane resins which have been selected based on physical properties that make them especially suited for various applications. This is the same high-quality Pyrrathane® cord from which our belts are produced. Pyrrathane® cord can be used as is or welded into belts using our Handi-Weld belt welder.

Round cord is available in any of our Pyrrathane® materials in cross-sectional diameters from 0.062" (1.57mm) up to 0.750" (19.05mm).

Flat cord is available in any of our Pyrrathane® materials in any thickness from 0.030" (0.762mm) through 0.250" (6.35mm) and almost any width up to 2" (50.8mm).

We recommend that users test a number of prototype belts under the same conditions in which the belt will be expected to operate to determine its suitability for the proposed application. Pyramid Inc. assumes no responsibility for our belt's performance in any application.

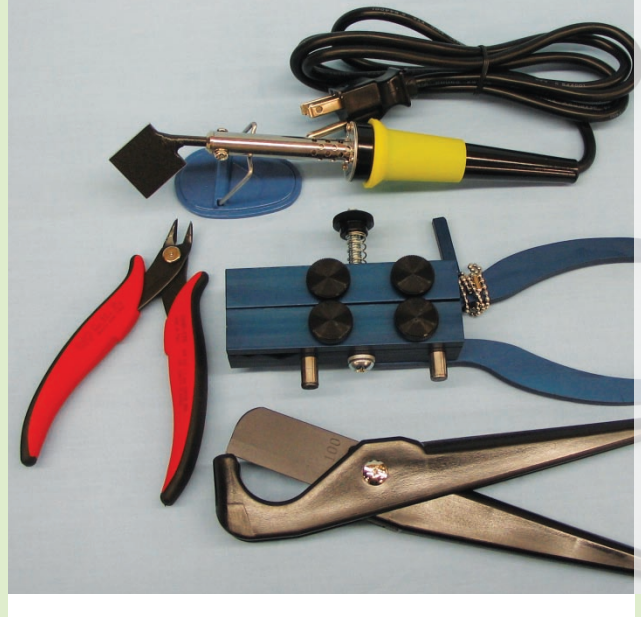
Belt Welder

The Handi-Weld belt welder allows you to prototype or produce your own belts, or repair existing belts, where and when you need them. This high-quality, reasonably priced welder kit contains everything you will need to produce finished belts, except the Pyrathane® cord.

Handi-Weld Kit contents:

- Handi-Weld welding fixture with handles
- 110-V or 220-V 40 Watt Heat wand
- TFE coated welding tip
- Heat wand stand
- Cord cut-off tool
- Flush cut trim tool
- Welding instructions
- Carrying case

Some Handi-Weld components are available for sale separately.



Handi-Weld Kit

Colored Belts and Cord

Pyrathane® belts and cord are also available in an assortment of transparent and opaque colors. Many stock colors are available as well as custom colors. Set-up charges or minimum orders may apply to custom colors.



Colored Belts and Cord

Belt Measuring Devices

Accurately measuring an elastic belt or o-ring to determine its length can be a challenge. Rolling a belt down a ruler is a method often used, but provides erroneous results. Cutting the belt to measure the length can be accurate, but obviously destroys the belt.

Our diametape is a durable, flexible measuring tape which provides accurate measurements of either the inside diameter (ID) or the inside circumference (IC) of a belt without destroying the belt. This information can then be easily converted to provide the actual belt length. It is also a quick and easy quality inspection tool.

Diametapes are available in three sizes which will measure either round or flat belts. The sizes are:

Small English - measures belts with an IC as short as 4.5" (1.432" ID) or as large as 31.4" (10" ID).

Large English - measures belts with an IC as short as 4.5" (1.432" ID) or as large as 60" (19.098" ID).

Metric - measures belts with an IC as short as 114.3mm (36.373mm ID) or as large as 1524mm (485.089mm ID).



Diametapes

Our Mission Statement

Providing world-class quality and customer service.

At Pyramid, we believe our continued success is directly linked to our company's goal of unquestionably high quality products made with efficiency by a team of satisfied employees. What this means to you is that quality and customer service have been and always will be our highest priorities.

We pride ourselves on producing the highest quality polyurethane belts and cord to your specifications. We will respond to your needs with outstanding service and exceptional lead-times.

If you are currently a Pyramid customer, thank you for your business. If you are looking for a quality supplier, give us a try. We look forward to the opportunity to serve you.



Susan S. Fortune, President/CEO



Contact us...we're ready to go to work for you!

Pyramid appreciates your interest. Please contact us and we would be happy to offer technical assistance and provide pricing on our products.

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PYRAMID INCORPORATED

SPECIAL NOTE

Because of the nearly infinite variety of sizes that Pyramid manufactures and that are possible, a catalog listing these possibilities and associated prices is not available. Our belts are custom-made to your specifications. There is a modest minimum order (\$25). Prototype samples are available for evaluation at a very low cost or are offered on a no-charge basis.