

GORE & ELASTIC

KNITTED ELASTICS

One of the most economical and popular elastics is the knitted elastic. Competition in the market place puts pressure on manufacturers to reduce costs and this results in use of lower cost components. Advances in fibre developments and rubber technology have resulted in knitted elastics that perform as well as the braided elastics that they have displaced. Widths in 3/4" to 1-1/4" for use in undergarment waistbands and pajamas account for tremendous yardages in just this one application. Some other features of knitted elastic include:

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| Readily made up to 12" wide. | Interchangeable with braided elastic for most uses. |
| Easily made with high modulus. | Suitable for orthopedic applications. |
| Decorative styles available. | Excellent for ankle, knee, wrist & elbow braces. |
| Easy machine set-up allows relatively short runs and low minimum yardage requirements. | |

DECORATIVE ELASTICS

Elastic can be decorative as well as being functional. This is particularly important on lingerie or other articles where a dainty or delicate look is desired. Refer to the trims at the bottom of page 61 for examples of what can be achieved by the addition of some rubber filaments to the mix of materials and the fancy elastics that will result. Gold and silver metallic yarns can be added to lend even more varieties to the available combinations. Your imagination is the only limiting factor when it comes to the styles that are possible.

SAMPLES AND TRIALS

We are always ready and willing to submit samples for trials and evaluation but the tremendous variations possible with the three construction methods and countless combinations of materials within each style makes it extremely difficult to forward a sample that is suitable. We therefore ask that you submit a sample for our examination and allow us to more readily meet your requirements with a minimum of trial and error. On a woven construction a sample might represent a problem because of the yardage requirements but would be readily available on a production order. If you are unable to submit a sample, information regarding the end use, desired physical properties, size, etc. would be most helpful. No matter how many thousands of elastics have been made and are being made, we are constantly coming up with new designs to meet changing styles or new applications. We will be pleased to work with your style and design people to give you an elastic that is "just right" for your product or application.

SHOCK CORD

Most people are familiar with at least one of the uses for shock cord as a result of all the publicity regarding bungee jumping. Shock cord for this application is called bungee cord but it is no different than all the other heavy gauge, round, fabric covered rubber cords that fall into this classification. Generally ranging from 3/32" to 5/16" in diameter shock cord can be engineered to perform a variety of tasks by changing the diameter and make-up of the rubber filaments that are the core of the shock cord. The fabric covering is usually nylon but polypropylene is also widely used. Some other applications beside the bungee cord include:

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| Overshoe and button loops. | Luggage tie-downs. |
| Take apart tent poles. | Lacing for orthopedic devices. |
| Door closures. | Infant swing set suspension cords. |
| Bicycle luggage rack cords. | |
| Storage suspensions in tents and Pullman berths. | |

New uses are being developed every day and we are willing to work with you in matching a shock cord or any other elastic to meet your requirements. Please contact your sales representative or the office for help with your needs.