

Goodyear Rubber Track Product Line Summary

Military



Agriculture



Construction



Recreation



GOODYEAR
RUBBER TRACK

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Goodyear Rubber Track

Goodyear offers a wide variety of rubber tracks, including tracks intended for use in Agriculture, Construction, Industrial, Recreation and Military applications.

Generally, Goodyear works closely with original equipment manufacturers (OEMs) to develop and provide rubber tracks that are optimized for each unique machine and operating environment. This process begins with the OEM completing and submitting a Prototype Questionnaire Sheet describing their proposed machine and application. Based on a review of the information contained in this questionnaire, Goodyear recommends a track that is appropriate for the OEM's use.

The purpose of this Product Line Summary is to review the range of rubber track products offered by Goodyear. This is neither a complete listing of the tracks that Goodyear can supply, nor is it intended to replace the collaborative track selection process described above. Rather, it is intended to make potential manufacturers of rubber-tracked equipment aware of the most popular types of rubber track which Goodyear offers.

In selecting a rubber track, there are four basic parameters which must be determined:

1. Track Width
2. Track Length
3. Tread Pattern (i.e., TC, TG, TA, etc.)
4. Guide/Drive Lug (i.e., GD, GE, GA, etc.)

Track Width

More than a dozen standard track widths are offered by Goodyear, ranging from 12 to 36 inches. In addition, Goodyear has the ability to produce track of virtually any width on a custom basis. However, the most popular track widths are:

Agricultural Track Widths: **16, 24, 30 and 36 inches**

Construction/Industrial Tracks: **12, 14, 16, 18 and 20 inches**

Track Length





With more than 40 standard track lengths available, Goodyear has sizes ranging from 168 to 378 inches. Please note that all track lengths must be an integer multiple of the track "pitch" (the repeating length of the tread and guide/drive lug patterns). For Goodyear's popular 6-inch pitch tracks, the most common lengths are:

Standard Track Lengths: **234, 252, 276, 312, 324, 342 and 378 inches**

Tread Patterns

Goodyear makes a variety of tread patterns appropriate to the wide range of agricultural, industrial and construction applications in which rubber tracks are used. In addition to these standard tread patterns, Goodyear frequently works with OEMs to develop unique tread patterns for special applications. Often, the OEM will purchase (and own) such tooling, so that they have exclusive rights to a unique tread pattern that offers specific benefits in their application, as well as unmistakable product identification and recognition.

The most popular standard tread patterns are:

Type	Tread Pattern	Available Widths	Tread Depth	Application	Description
TC		12" 14" 16" 18" 20"	1.0"	Construction	High net-to-gross pattern for use in heavy construction and/or industrial applications, such as asphalt pavers and concrete slipform machines. Designed for high load carrying ability, high damage tolerance and long life.
TG		20" 24" 30" 36"	1.5"	General Purpose	Hybrid tread pattern for use on agricultural, construction, pull-behind, and special application equipment. Designed for traction in loose soils and for long life.
TA		16" 24" 30"	2.0"	Agricultural	Aggressive agricultural pattern for use on tractors and other motive power equipment. Designed for maximum soil penetration and traction.
TD		30" 36"	2.5"	Aggressive	Aggressive, long-pitch (9°) agricultural pattern for use on large tractors and other motive power equipment. Designed for maximum soil penetration, traction and clean-out.


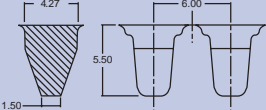

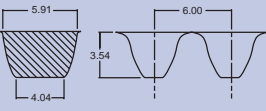

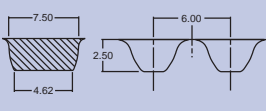

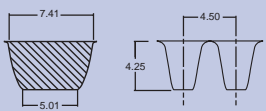
Note: Tread pattern TD available only with guide lug GQ. Consult Goodyear for availability of tread patterns not shown above.

Guide/Drive Lugs

Guide/Drive Lugs are the features on the inside surface of a rubber track which interface with the undercarriage. They serve to retain and guide the track on the undercarriage, and in some (positive drive) systems, engage the drive wheel to assist in power transfer in the manner of cogs.

The majority of Goodyear's rubber tracks have a single row of guide/drive lugs that run down the center of the track carcass. These lugs are generally restrained between paired idler and roller wheels on the undercarriage. However, Goodyear also produces tracks having multiple rows of guide/drive lugs (for example, dual rows at the edges of the track) for special applications.

The most popular (single row) guide/drive lugs are:

Type	Lug Design	Dimensions	Description
GD			Tall guide lug for use in large friction-drive applications, including such pull-behind units as grain carts and fluid tanks. (Not suitable for positive drive.)
GE			Tall guide/drive lug for use in either friction or positive drive applications.
GA, GB, GC			Drive lug for use in positive drive applications. Available in 3.5" (GA), 5.5" (GB), and 7.5" (GC) widths. (Can also be used as a friction guide lug in some applications.)
GQ			Severe-duty guide lug for use in large, friction drive systems. Available only with tread pattern TD.

Contact Information

For more information about Goodyear's rubber track, or to request a Prototype Questionnaire Sheet to begin the collaborative track selection process, contact the Goodyear Rubber Track Group at:

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