

3003 TREADBRIGHT ALUMINUM SHEET

3003 Aluminum is one of the most widely used of all aluminum alloys. It is a general purpose aluminum, with moderate strength, good workability and weldability, and excellent corrosion resistance. 3003 is a non-heat treatable grade, and it may be deep drawn, or spun, welded, or brazed.

AED stocks 3003 in both mill finish (also known as “bare”) sheets and shiny diamond-pattern sheets called Treadbright. This is also known as C102 pattern.

3003 Chemical Analysis

Cu (max)	Si (max)	Fe (max)	Mn	Zn (max)	Others		Al
					Each	Total	
.20	.60	.70	1.00/1.50	.10	.05	.015	Remainder

3003-H22 TREADBRIGHT SHEET

AED stocks 3003 treadbright sheets in two thicknesses and sizes: .063” x 48 x 120” and .125” x 48” x 96”. Other sizes may be available by special order. The best pricing is always when you order full sheets, which can be cut for economical shipping methods. AED also offers “cut-to-size” pieces sheared 48” wide by 12” increments.

3003 treadbright sheets can be formed relatively easily and are popular in trailer floors, building applications, etc.

3003-H22 treadbright sheets meet ASTM-B209.

3003-H22 Treadbright Sheet Typical Mechanical Properties:

	3003-H22
Tensile Strength (psi)	23,000
Yield Strength (psi)	20,000
Elongation (% in 2”), 1/2” Diam	12

Note: "Typical Mechanical Properties" have been compiled from a variety of sources. Information is deemed reliable, but it is not guaranteed. This data is provided for information only, **NOT FOR DESIGN PURPOSES.**