TECHNICAL DATA SHEET

3003 – H22 DIAMOND BRIGHT TREAD SHEET

Texarkana Aluminum supply bright diamond tread sheet in 48” and 60” widths and for specified thickness range of 0.056” to 0.190”. Dimensional tolerances are supplied to AA commercial tolerances.

CHEMICAL COMPOSITION

(in weight %)

%	Si	Fe	Cu	Mn	Mg	Cr	Zn	Other Elements	
								Each	Total
Min			0.05	1.0					
Max	0.6	0.7	0.20	1.5			0.10	0.05	0.15

MECHANICAL PROPERTIES

Alloy / Temper	Gauge Range (inches)	Minimum Yield Strength (Ksi)	Minimum Ultimate Tensile Strength (Ksi)	Minimum Elongation (% in 2 inches)	Recommended Min. Bend Radius (90º)
3003 – H22[1]	0.056 - 0.100	12	17	7%	1t
	> 0.100	12	17	8%	2t

[1] 3003 H24 will be produced on request

DIMENSIONAL SPECIFICATIONS

- Thickness tolerances will be supplied to AA commercial tolerance for specified thickness.
- Available in 48” and 60” width
- Sheet specifications supplied to AA commercial tolerance

Specified Thickness (inches)	Button Pattern Height (inches)	Nominal Button Height (inches)	Button Height Tolerance (inches)
0.056 - 0.063	0.035 - 0.051	0.043	± 0.008
0.080 - 0.190	0.036 - 0.060	0.048	± 0.012