

**RECTANGULAR ALUMINUM DUCT  
ADAPTED FROM 3 IN. WG (750 PA) OR LOWER**

|                                |                                       |                 |                 |                 |                 |                 |                 |
|--------------------------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Galv. Steel ga (mm)<br>nominal | 28<br>(0.48)                          | 26<br>(0.55)    | 24<br>(0.70)    | 22<br>(0.78)    | 20<br>(1.00)    | 18<br>(1.31)    | 16<br>(1.61)    |
| Min. Alum. equivalent* (mm)    | 0.023<br>(0.58)                       | 0.027<br>(0.69) | 0.034<br>(0.86) | 0.043<br>(1.09) | 0.052<br>(1.32) | 0.067<br>(1.70) | 0.083<br>(2.11) |
| Commerical size (mm)           | 0.025<br>(0.60)                       | 0.032<br>(0.80) | 0.04<br>(1.00)  | 0.05<br>(1.27)  | 0.063<br>(1.60) | 0.071<br>(1.80) | 0.09<br>(2.29)  |
| Lbs wt/Sf. Alum.               | Consult Appendix page A.5 for Weights |                 |                 |                 |                 |                 |                 |

**Table 2-50 Thickness Adjustments**

\* Alloy 3003-H-14.

|                            |   |   |   |   |   |   |   |   |    |    |    |    |
|----------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
| Galv. Rigidity Class       | A | B | C | D | E | F | G | H | I  | J  | K  | L  |
| Alum. dim. per Galv. Class | C | E | E | F | H | I | I | K | ** | ** | ** | ** |

**Table 2-51 Dimension Adjustments**

\*\* Calculate an effective  $I_x = 3 \times$  that used for steel.

