

2 in. wg Static Pos. or Neg.	4 ft Joints			4 ft Joints w/2 ft Reinf. Spacing				
	Min ga	Joint Reinf.	Alt. Joint Reinf.	Joints/Reinf.			Int. Reinf.	
				Min ga	Joint Reinf.	Alt. Joint Reinf.	Tie Rod	Alt. Reinf.
Duct Dimension								
10 in. and under	26	N/R	N/A	Use 4 ft Joints				
11 - 12 in.	26	N/R	N/A					
13 - 14 in.	26	N/R	N/A					
15 - 16 in.	26	N/R	N/A					
17 - 18 in.	26	N/R	N/A					
19 - 20 in.	26	N/R	N/A					
21 - 22 in.	26	N/R	N/A					
23 - 24 in.	26	N/R	N/A					
25 - 26 in.	26	N/R	N/A					
27 - 28 in.	26	N/R	N/A					
29 - 30 in.	24	N/R	N/A	26	N/R	N/A	MPT	C
31 - 36 in.	24	N/R	N/A	26	N/R	N/A	MPT	D
37 - 42 in.	22	N/R	N/A	24	N/R	N/A	MPT	E
43 - 48 in.	22	JTR	(2) C	24	N/R	N/A	MPT	E
	20	N/R	—					
49 - 54 in.	20	JTR	(2) E	22	N/R	N/A	MPT	F
55 - 60 in.	20	JTR	(2) E	22	N/R	N/A	MPT	F
61 - 72 in.	20	JTR	(2) H	20	JTR	(2) E	MPT	H
				18	N/R	N/A	MPT	H
73 - 84 in.	20	JTR	(2) H	20	JTR	(2) H	2 MPT	I
85 - 96 in.	18	JTR	(2) H	20	JTR	(2) H	2 MPT	I
97 - 108 in.	16	JTR	(2) I	18	JTR	(2) H	X	I
109 - 120 in.	Not Designed			18	JTR	(2) H	X	J

**Table 2-10 4 ft Coil/Sheet Stock/T25a/T25b (TDC/TDF) Duct Reinforcement**

N/R - Not Required

N/A - Not Applicable

JTR - Joint Tie Rod

MPT - Mid Panel Tie Rod(s)

(2) (X) - Indicates 2 external reinforcements of class (X) to be used in lieu of Joint Tie Rods

