

2 in. wg Static Pos. or Neg.	5 ft Joints			5 ft Joints w/2 ½ 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/R	Use 5 ft Joints				
11 – 12 in.	26	N/R	N/R					
13 – 14 in.	26	N/R	N/R					
15 – 16 in.	26	N/R	N/R					
17 – 18 in.	26	N/R	N/R					
19 – 20 in.	26	N/R	N/R					
21 – 22 in.	26	N/R	N/R					
23 – 24 in.	26	N/R	N/R					
25 – 26 in.	26	N/R	N/R					
27 – 28 in.	24	N/R	N/R	26	N/R	N/R	MPT	C
29 – 30 in.	24	N/R	N/R	26	N/R	N/R	MPT	D
31 – 36 in.	22	N/R	N/R	26	N/R	N/R	MPT	D
37 – 42 in.	22	JTR	(2) C	24	N/R	N/R	MPT	E
	20	N/R	N/A					
43 – 48 in.	20	JTR	(2) E	22	N/R	N/R	MPT	F
	18	N/R	N/A					
49 – 54 in.	20	JTR	(2) E	22	N/R	N/R	MPT	F
	18	N/R	N/A					
55 – 60 in.	20	JTR	(2) H	22	JTR	(2) C	MPT	G
61 – 72 in.	18	JTR	(2) H	20	JTR	(2) E	MPT	H
73 – 84 in.	16	JTR	(2) H	20	JTR	(2) I	(2) MPT	I
85 – 96 in.	Not Designed			20	JTR	(2) I	(2) MPT	I
97 – 108 in.				18	JTR	(2) I	X	J
109 – 120 in.				18	JTR	(2) I	X	K

Table 2-17 5 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