



How to order SLIDE-LAG®

PRE-INSTALLED ON NEW PULLEYS

Conveyor and elevator pulleys can be readily obtained with Slide-Lag® pre-installed from a pulley manufacturer, his distributor, or an authorized HOLZ distributor. Simply specify Slide-Lag® when ordering. Or the pulley may be purchased separately and Slide-Lag® installed on site.

FOR ON-SITE INSTALLATION ON NEW OR USED PULLEYS

Determine which method of application is to be used:
 A.) "Butt seam" method using 72" pads which makes maximum use of all material; however, pieces 4" or

shorter should be discarded. The number of 72" pads required for butt seam application for most common pulley diameters can be obtained from Table 1 below. However, Slide-Lag® can be factory formed to any diameter and installation accomplished using published installation procedures. For pulley face widths not shown, use the next larger width, or use the formula to calculate requirements. See Page 10 for a more detailed explanation of the butt seam application method.

B.) "Full width" method with pads cut to exact pulley face width, no butt seams. (See paragraph below.†)

TABLE 1 Number of 72" pads required for selected pulley diameters and face widths (butt seam application).

		PULLEY FACE WIDTH																				
		12"	14"	16"	18"	20"	22"	24"	26"	30"	32"	36"	38"	40"	44"	46"	51"	54"	60"	66"	72"	
PULLEY DIAMETER	6"	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	
	8"	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4
	10"	1	1	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5	5
	12"	1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	6
	14"	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	7	7	7
	16"	2	2	2	2	3	3	3	3	4	4	4	5	5	5	6	6	6	7	8	8	8
	18"	2	2	2	3	3	3	3	4	4	4	5	5	5	6	6	7	7	8	9	9	9
	20"	2	2	3	3	3	4	4	4	5	5	5	6	6	7	7	8	8	9	10	10	10
	24"	2	3	3	3	4	4	4	5	5	6	6	7	7	8	8	9	9	10	11	11	12
	30"	3	3	4	4	5	5	5	6	7	7	8	8	9	10	10	11	12	13	14	14	15
	36"	3	4	4	5	5	6	6	7	8	8	9	10	10	11	12	13	14	15	17	17	18
	42"	4	5	5	6	6	7	7	8	9	10	11	12	12	13	14	15	16	18	20	20	21
	48"	4	5	6	6	7	8	8	9	10	11	12	13	14	15	16	17	18	20	22	22	24
	54"	5	6	6	7	8	9	9	10	12	12	14	15	15	17	18	20	21	23	25	25	27
60"	5	6	7	8	9	10	10	11	13	14	15	16	17	19	20	22	23	25	28	28	30	
72"	6	7	8	9	10	11	12	13	15	16	18	19	20	22	23	26	27	30	33	33	36	

NOTE: This table utilizes all lengths over 4 inches long by butting them end-to-end in a random pattern.

FIGURE 1 Formula for selecting the number of 72" pads required for any pulley diameter and face width (butt seam application).

Butt Seam Method

Instead of using the table, the number of 72" pads required for any pulley may be calculated using the following simple procedure:

Example: 36" diameter x 38" face pulley

- | | |
|--|---|
| 1. Divide the pulley diameter by 2 to determine the number of rows of pads needed to go around the pulley. | 1. $\frac{36" \text{ diameter}}{2} = 18 \text{ rows of pads}$ |
| 2. Multiply the number of rows of pads by the pulley face width. | 2. $18 \times 38" = 684"$ |
| 3. Divide by 72" to determine the quantity of full-length pads needed. Round up to the next full length. | 3. $\frac{684"}{72"} = 9.5 \text{ or } 10 \text{ full length pads required.}$ |

† Full Width Method

When no butt seams are desired, the number of 72" pads required will depend entirely on the pulley and the quantity of face-width pad lengths which can be cut from one 72" pad. In the example shown at left, 18 pads would be needed.

HOLZ authorized distributors can arrange for complete on-site installation of Slide-Lag® products on request.