



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 6 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	2	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
	10"	1	1	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5
	12"	1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6
	14"	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	7	7
	16"	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	7	8	8
	18"	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	7	7	8	9
	20"	2	2	3	3	3	4	4	4	5	5	5	6	6	7	7	8	8	9	10	10
	24"	2	3	3	3	4	4	4	5	5	6	6	7	7	8	8	9	9	10	11	12
	30"	3	3	4	4	5	5	5	6	7	7	8	8	9	10	10	11	12	13	14	15
	36"	3	4	4	5	5	6	6	7	8	8	9	10	10	11	12	13	14	15	17	18
	42"	4	5	5	6	6	7	7	8	9	10	11	12	12	13	14	15	16	18	20	21
	48"	4	5	6	6	7	8	8	9	10	11	12	13	14	15	16	17	18	20	22	24
	54"	5	6	6	7	8	9	9	10	12	12	14	15	15	17	18	20	21	23	25	27
	60"	5	6	7	8	9	10	10	11	13	14	15	16	17	19	20	22	23	25	28	30
	72"	6	7	8	9	10	11	12	13	15	16	18	19	20	22	23	26	27	30	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.



TO ORDER

Pulleys 20" or under in face width:

Style 7 Edge-Crown® pads are installed by butting the thicker pad ends at the pulley center line. Pulleys under 20" wide will require trimming equal lengths from the thinner end of each pad.

Pulleys over 20" face width:

The center area between the Edge-Crown® pads is filled with pieces of Style 5 Slide-Lag® cut to the length required. Where the center void is 4" or less, adjust the length of the Edge-Crown® pads, as described above, to provide more than a 4" length of Style 5 in the center.

To determine how much material (Style 5 and Style 7) to order, use the following procedure:

Step 1 The number of Edge-Crown® pads needed is equal to the pulley diameter (a 30" diameter pulley will require 30 Edge-Crown® pads).

Step II Calculate the quantity of 72" Slide-Lag® pads required to fill in the portion of each pad row between the Edge-Crown® pads:

A.) Subtract 20" from the pulley face width.

B.) Use the resulting figure to select a quantity of 72" Slide-Lag® pads. (See Page 4.)

EXAMPLE: 48" diameter x 46" face pulley

1.) A 48" diameter pulley requires 48 Edge-Crown® pads.

2.) $46" - 20" = 26"$ (From Table 1 you will need nine 72" pads.)

* These same procedures also apply to ordering Belt-Saver® Edge-Crown®.

RETAINERS



DOUBLE

Style 51-D: Standard

Style 52-D: Stainless Steel



SINGLE

Style 51-S: Standard

Style 52-S: Stainless Steel

The number of double and single retainers for installation is included with each order of Slide-Lag®, Belt-Saver® and Edge-Crown®. HOLZ distributors can furnish specific details regarding quantities.

INSTALLATION & AVAILABILITY

• Installation instructions are published in HOLZ Bulletin PL 105. Authorized HOLZ distributors will furnish these instructions on request, as well as guidance and assistance for special or unusual circumstances.

All Slide-Lag® products are suited to **any pulley diameter from 6" and up**, and to essentially any pulley face width. HOLZ stocking distributors carry complete inventories of standard products to fill a

broad range of requirements. Slide-Lag® products can be used on metric-dimensioned pulleys as well as odd or unusual sizes. Special installation procedures as described in Bulletin PL 105 will be required.

• In addition to the products described in HOLZ literature, various other Slide-Lag® items can be made available to fulfill unusual requirements.

Contact a HOLZ distributor for further information regarding specific applications.

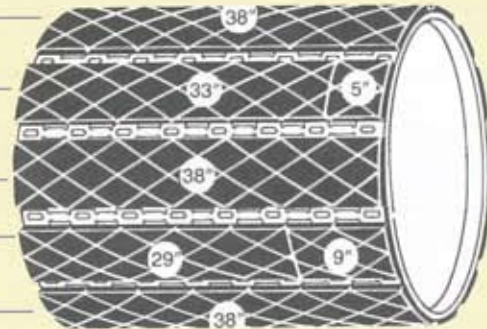
BUTT SEAM APPLICATION

Table 1, Page 4, and the formula below it describe the quantity selection process for the "butt seam" method of applying Slide-Lag® products.

This method makes full use of all lengths cut from 72" pads (except those 4" or under), which are discarded. The butt seams in each pad row should be staggered from row to row when possible. The sample installation shown below visually describes this application method. Note that the butt seams are staggered.

EXAMPLE: 38" PULLEY FACE WIDTH

- Pad row 1, cut 38" from 72" length
- Pad row 2, cut 33" from 34" remnant from above, discard 1" remaining; cut 5" from another 72" length
- Pad row 3, cut 38" from 67" remnant from above
- Pad row 4, insert 29" remnant from above; cut 9" from a new full length
- Pad row 5, cut 38" from 63" remnant from above
...and so on, until pulley is completed



Edge-Crown® sets also make use of the butt seam application method for the pads inserted between the Edge-Crown® pads in each row; however, center sections can be provided without seams on request (Page 4).

Page 7 provides a cutting layout for use in planning the required cuts for a specific pulley.



Proper installation will provide the full service life and performance that make HOLZ Slide-Lag® products an exceptional investment.

CUTTING LAYOUT FOR 72-INCH PADS

Pulley diameter: _____ Pulley face width: _____

Pulley diameter	Requires this many rows of Slide Lag®	Which can be cut from this many 72" lengths (see page 8)
6"	3	
8"	4	
10"	5	
12"	6	
14"	7	
16"	8	
18"	9	
20"	10	
24"	12	
30"	15	
36"	18	
42"	21	
48"	24	
54"	27	
60"	30	
72"	36	