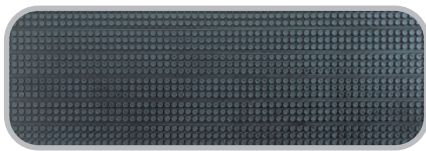


The Reliable and Economical Solution for Belt Slippage

Flex-Lag has been developed in multiple styles including Light-Duty, Plain-Pattern, Diamond-Pattern Rubber and Diamond-Pattern Ceramic to meet any application. Its design allows for installation in a fraction of the time compared to conventional lagging because Flex-Lag does not require removing the pulley from the conveyor system. A labor-saving cold vulcanization process makes on-site installation fast, simple and efficient.

Light-Duty



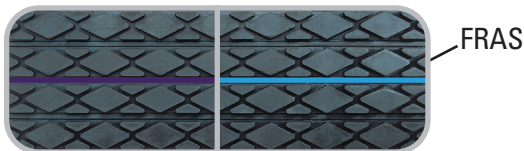
- Specially designed for pulleys with diameters as small as 2" (50mm).
- Moisture is channeled between small raised buttons that support and grip the belt and deliver superior traction.

Plain-Pattern



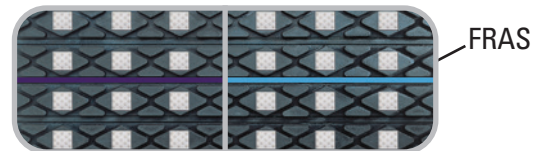
- Helps prevent belt slippage in extremely dirty environments.
- Rubber flexes during use to shed excess materials and prevent material build-up as well as premature belt and pulley wear.
- Horizontal grooves trap and deflect water, resulting in a coefficient of friction superior to plain-sheet lagging.

Diamond-Pattern Rubber



- Constructed from high durometer rubber for abrasion resistance.
- Diamond pattern is based on rain tire tread designs for superior water-shedding characteristics.
- Helps keep belt slippage to the absolute minimum.

Diamond-Pattern Ceramic



- Large ceramic tile is molded into the diamond section, providing an increased coefficient of friction.
- Diamond pattern is based on rain tire tread designs for superior water-shedding characteristics.
- Uses the advantages of a ceramic product at a more affordable cost.

Features and Benefits

- **Easy to use.** The in situ installation of Flex-Lag eliminates the need to remove the pulley from the conveyor system, meaning less conveyor downtime.
- **Works on a range of pulleys.** Because these come in rolls 8" wide (200mm) and lengths of 10.8' (3.3M) for Light-Duty and 21' (6.5M) for Plain-Pattern and Diamond-Pattern solutions, virtually any pulley dimensions can utilize Flex-Lag. See step-by-step instructions and Strip Selection Guide to apply.
- **Available with FRAS approved rubber.** The Flex-Lag Plain Pattern, Diamond-Pattern Rubber and Diamond-Pattern Ceramic are available in both natural rubber and FRAS (Fire Resistant Anti Static) rubber, marked in blue for easy identification on site.

Specifications and Guidelines

Step-by-Step selection instructions

Step 1: Measure the diameter of your pulley.

Step 2: See Strip Selection Chart to determine the number of strips you will need to lay lengthwise across the pulley.

Step 3: Choose the material and pattern best suited to your application.

Step 4: Determine the number of rolls required to cover pulley face:

- A. Determine Length of Strip-
For Light-Duty and Plain-Pattern Lagging: Pulley face plus 2" (50mm)
For Diamond-Pattern Lagging: Pulley face plus 4" (100mm)
- B. Calculate Strips per Roll-
For Light-Duty Lagging: $129'' (3.3M) \div \text{length of strip}$
For Diamond-Pattern and Plain-Pattern Lagging:
 $252'' (6.5M) \div \text{length of strip}$
- C. Number of Rolls Required-
Number of strips required \div strips per roll

Strip Selection					
Pulley Diameter		Strips Required	Pulley Diameter		Strips Required
in.	mm		in.	mm	
12.6–15.0	320–381	6	42.6–45.0	1083–1145	18
15.1–17.5	382–445	7	45.1–47.5	1146–1210	19
17.6–20.0	446–510	8	47.6–50.1	1211–1273	20
20.1–22.5	511–573	9	50.2–52.6	1274–1336	21
22.6–25.0	574–636	10	52.7–55.1	1337–1400	22
25.1–27.5	637–700	11	55.2–57.6	1403–1463	23
27.6–30.0	701–764	12	57.7–60.1	1466–1527	24
30.1–32.5	765–827	13	60.2–62.6	1529–1590	25
32.6–35.0	828–891	14	62.7–65.1	1593–1654	26
35.1–37.5	892–955	15	65.2–67.6	1656–1717	27
37.6–40.0	956–1018	16	67.7–70.1	1720–1781	28
40.1–42.5	1019–1082	17	70.2–72.6	1783–1844	29

Specifications:		
Temperature Rating 5 to 185°F (-15 to 85°C)	Rubber Hardness 68 ± 3 Shore A	Ceramic Compound (Diamond Ceramic Lagging) Aluminum Oxide (Al ₂ O ₃)
Rubber Compound SBR (Styrene-Butadiene-Rubber)	FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190 Available (see below)	Ceramic Hardness (Diamond Ceramic Lagging) 83 HRA Rockwell Hardness Scale A

Ordering Information

Flex-Lag® Roll Lagging - SBR Rubber*						
Pattern	Thickness		Length		Ordering Number	Item Code
	in.	mm	ft.	m		
Diamond	3/8	10	21	6.5	10ND6.5/21	71002
Diamond	1/2	12	21	6.5	12ND6.5/21	71004
Diamond	5/8	15	21	6.5	15ND6.5/21	71006
Diamond	3/4	20	21	6.5	20ND6.5/21	71008
Diamond	1	25	21	6.5	25ND6.5/21	71152
Plain	3/8	10	21	6.5	10NP6.5/21	71010
Plain	1/2	12	21	6.5	12NP6.5/21	71012
Plain	5/8	15	21	6.5	15NP6.5/21	71017
Plain	3/4	20	21	6.5	20NP6.5/21	71021
Plain	1	25	21	6.5	25NP6.5/21	71163
Diamond Ceramic	1/2	12	21	6.5	12NDC6.5/21	71155

Flex-Lag® Roll Lagging - FRAS Rubber*						
Pattern	Thickness		Length		Ordering Number	Item Code
	in.	mm	ft.	m		
Diamond	3/8	10	21	6.5	10FRD6.5/21	71014
Diamond	1/2	12	21	6.5	12FRD6.5/21	71016
Diamond	5/8	15	21	6.5	15FRD6.5/21	71018
Diamond	3/4	20	21	6.5	20FRD6.5/21	71019
Plain	3/8	10	21	6.5	10FRP6.5/21	71020
Plain	1/2	12	21	6.5	12FRP6.5/21	71022
Plain	5/8	15	21	6.5	15FRP6.5/21	71015
Plain	3/4	20	21	6.5	20FRP6.5/21	72129
Diamond Ceramic	1/2	12	21	6.5	12FRDC6.5/21	71159

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190

Ordering Number Key: **N** - SBR, **FR** - FRAS, **P** - Plain, **D** - Diamond,

DC - Diamond Ceramic, **LD** - Light Duty

Flex-Lag® Light Duty Rubber**						
Pattern	Thickness		Length		Ordering Number	Item Code
	in.	mm	ft.	m		
Light Duty	.3	7.5	11	3.3	7.5NLD3.3/11	71077

Shaded items are made to order.
Lead time: 8–10 weeks

*For Flex-Lag® Natural Rubber and Flame-Resistant Rubber, all material is 8" (200mm) wide and 10.8' (3.3M) rolls.

**For Flex-Lag® Light Duty Rubber and Flame-Resistant Rubber, all material is 8" (200mm) wide in 21' (6.5M) rolls.