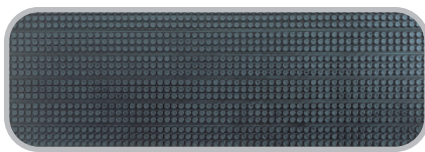


The Reliable and Economical Solution for Belt Slippage

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



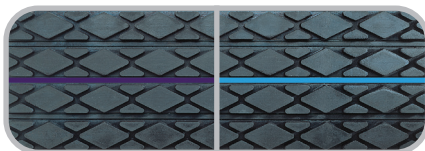
- Specially designed for pulleys with diameters as small as 50mm (2").
- Moisture is channeled between small raised buttons that support and grip the belt and deliver superior traction.

Plain-Pattern



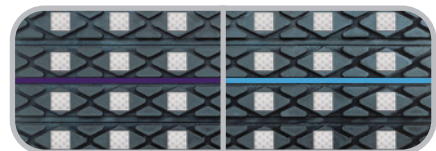
- Helps prevent belt slippage in extremely dirty environments.
- Rubber flexes during use to shed excess materials and prevent material build-up as well as premature belt and pulley wear.
- Horizontal grooves trap and deflect water, resulting in a coefficient of friction superior to plain-sheet lagging.

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.
- Can be applied using either hot vulcanising or cold bonding methods. Both bonding methods will provide great pulley to rubber adhesion.

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 200mm wide (8") and lengths of 3.3M (10.8') for Light-Duty and 6.5M (21') 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.

FLEX-LAG®

Pulley Lagging

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:

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

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

Specifications:		
Temperature Rating -15 to 85°C (5 to 185°F)	Rubber Hardness 68 \pm 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
NOTE: Available with an uncured layer suitable for autoclaving		

Ordering Information

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

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

Flex-Lag® Light Duty Rubber**							
Pattern	Thickness		Length		Material	Ordering Number	Item Code
	mm	in.	m	ft.			
Light Duty	7.5	.3	3.3	11	SBR	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 200mm (8") wide and 3.3M (10.8') rolls.

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

Visit www.flexco.com for other Flexco locations and products, or to find an authorised distributor.

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