

FLEX-LAG® FULL CERAMIC Pulley Lagging

A Reliable Solution for Belt Slippage

Flex-Lag® Full Ceramic Pulley Lagging is the reliable solution for belt slippage problems that conventional rubber lagging often can't correct. In fact, with 80% tile coverage, it features the highest coefficient of friction available in lagging materials - two to three times the friction of rubber in wet, muddy, or dry conditions. Also, a labour-saving cold vulcanization process makes on-site installation fast, simple and efficient.

No wasted ceramic with easy-to-specify dimensions by using pulley or belt width



Molded ceramic buttons grip the belt's underside, for positive traction and no slippage



Constructed from hundreds of individual ceramic tiles molded into a durable rubber backing

FRAS rubber is marked with a blue stripe

Horizontal grooves trap and deflect water

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.** Flex-Lag Full Ceramic comes in strip widths from 850mm (34") to 2575mm (103") to match up with pulley face widths, or 450mm (18") to 2100mm (84") to match up with belt widths. Also works with pulley diameters ranging from 320-1844mm (12.6" to 72.6"). See step-by-step instructions and Strip Selection Guide to apply.
- **Available with FRAS approved rubber.** The Flex-Lag Full Ceramic are available in both natural and FRAS (Fire Resistant Anti Static) rubber, marked in blue for easy identification on site. Other special options include Nitrile Oil Resistant and various thickness options.
- **Can be applied using hot vulcanising or cold bonding methods.** Both bonding methods will provide great pulley to rubber adhesion.

FLEX-LAG® FULL CERAMIC

Pulley Lagging

Specifications and Guidelines

Specifications:	
Temperature Rating -15° C to 85° C (5°F to 185° F)	Ceramic Compound Aluminum Oxide (Al ₂ O ₃)
Rubber Compound SBR (Styrene-Butadiene-Rubber)	Ceramic Hardness 83 HRA Rockwell Hardness Scale A
Rubber Hardness 68 ± 3 Shore A	NOTE: Available with an uncured layer suitable for autoclaving

Step-by-Step selection instructions

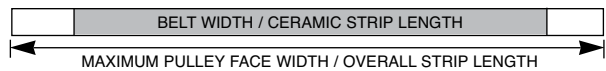
Step 1: Measure the belt width, pulley width and pulley diameter.

Step 2: Using the belt or pulley width, see the Ordering Information and New Ceramic Strip Configuration to select the strip size.

Step 3: Using the pulley diameter, see Strip Selection Chart to determine the number of strips you will need to lay lengthwise across the pulley.

Strip Selection					
Pulley Diameter		Strips Req'd	Pulley Diameter		Strips Req'd
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

NEW CERAMIC STRIP CONFIGURATION



Ordering Information

Flex-Lag® Full Ceramic Lagging - SBR Rubber											
Thickness		Belt Width		Ceramic Length		Strip Length		Dimpled Tile		Smooth Tile	
mm	in.	mm	in.	in.	mm	in.	mm	Ordering Number	Item Code	Ordering Number	Item Code
12	1/2	450	18	18 1/2	460	34	860	CLN460/18.4-12	71111	CLN460/18.4-12S	79383
12	1/2	600	24	24	600	40	1000	CLN600/24-12	71112	CLN600/24-12S	79384
12	1/2	750	30	30 1/2	760	46	1160	CLN760/30.4-12	71113	CLN760/30.4-12S	79385
12	1/2	900	36	36	900	52	1300	CLN900/36-12	71115	CLN900/36-12S	79387
12	1/2	1050	42	42 1/2	1060	60	1500	CLN1060/42.4-12	71116	CLN1060/42.4-12S	79388
12	1/2	1200	48	48	1200	64	1600	CLN1200/48-12	71039	CLN1200/48-12S	79389
12	1/2	1350	54	54 1/2	1360	72	1800	CLN1360/54.4-12	71126	CLN1360/54.4-12S	79390
12	1/2	1500	60	60 3/4	1520	80	2000	CLN1520/60.8-12	71127	CLN1520/60.8-12S	79392
12	1/2	1800	72	72	1800	92	2300	CLN1800/72-12	71042	CLN1800/72-12S	79395
12	1/2	2100	84	84	2100	104	2600	CLN2100/84-12	71044	CLN2100/84-12S	79398

Flex-Lag® Full Ceramic Lagging - FRAS Rubber											
Thickness		Belt Width		Ceramic Length		Strip Length		Dimpled Tile		Smooth Tile	
mm	in.	mm	in.	in.	mm	in.	mm	Ordering Number	Item Code	Ordering Number	Item Code
12	1/2	450	18	18 1/2	460	34	860	CLFR460/18.4-12	71118	CLFR460/18.4-12S	79406
12	1/2	600	24	24	600	40	1000	CLFR600/24-12	71119	CLFR600/24-12S	79407
12	1/2	750	30	30 1/2	760	46	1160	CLFR760/30.4-12	71120	CLFR760/30.4-12S	79408
12	1/2	900	36	36	900	52	1300	CLFR900/36-12	71122	CLFR900/36-12S	79410
12	1/2	1050	42	42 1/2	1060	60	1500	CLFR1060/42.4-12	71123	CLFR1060/42.4-12S	79411
12	1/2	1200	48	48	1200	64	1600	CLFR1200/48-12	71005	CLFR1200/48-12S	79412
12	1/2	1350	54	54 1/2	1360	72	1800	CLFR1360/54.4-12	A1636	CLFR1360/54.4-12S	79413
12	1/2	1500	60	60 3/4	1520	80	2000	CLFR1520/60.8-12	71009	CLFR1520/60.8-12S	79415
12	1/2	1800	72	72	1800	92	2300	CLFR1800/72-12	71079	CLFR1800/72-12S	79418
12	1/2	2100	84	84	2100	104	2600	CLFR2100/84-12	71082	CLFR2100/84-12S	79421

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190
Ordering Number Key: **N** - SBR, **FR** - FRAS

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

Authorized Distributor:

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Visit www.flexco.com for other Flexco locations and products.

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