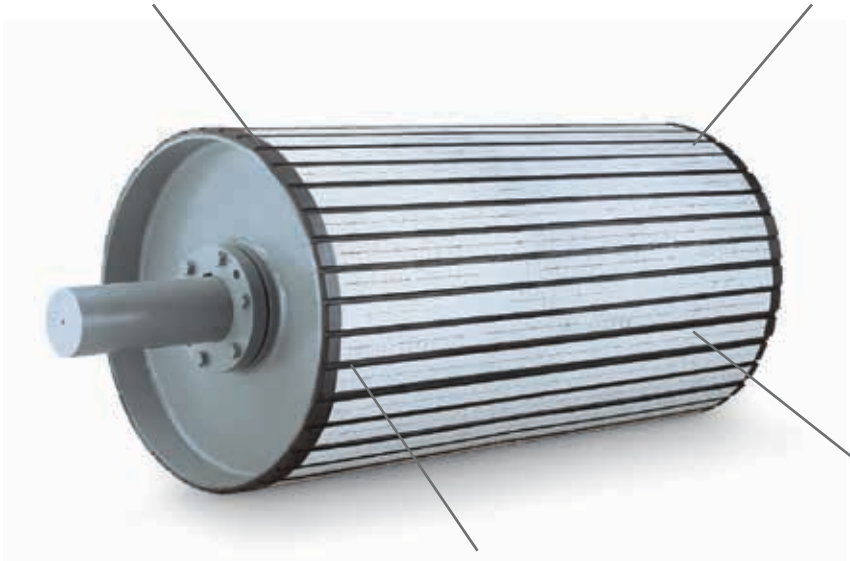
FLEX-LAG® FULL CERAMIC
Pulley Lagging

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 labor-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*

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



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

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 34" (850mm) to 103" (2575mm) to match up with pulley face widths, or 18" (450mm) to 84" (2100mm) to match up with belt widths. Also works with pulley diameters ranging from 12.6" to 72.6" (320-1844mm). 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. Other special options include Nitrile Oil Resistant and various thickness options.

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Pulley Lagging

Specifications and Guidelines

Specifications:	
Temperature Rating 5°F to 185° F (-15° C to 85° C)	**Ceramic Compound** Aluminum Oxide (Al_2O_3)
Rubber Compound SBR (Styrene-Butadiene-Rubber)	**Ceramic Hardness** 83 HRA Rockwell Hardness Scale A
Rubber Hardness 68 ± 3 Shore A	

Step-by-Step selection instructions

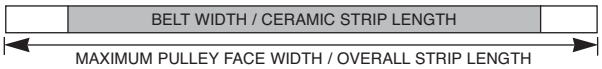
Step 1: Measure the belt width, pulley width and pulley diameter.

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 Reqd	Pulley Diameter		Strips Reqd
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

NEW CERAMIC STRIP CONFIGURATION



Ordering Information

Flex-Lag® Full Ceramic Lagging - SBR Rubber											
Thickness		Belt Width		Ceramic Length		Strip Length		Dimpled Tile		Smooth Tile	
in.	mm	in.	mm	in.	mm	in.	mm	Ordering Number	Item Code	Ordering Number	Item Code
1/2	12	18	450	18 1/2	460	34	860	CLN460/18.4-12	71111	CLN460/18.4-12S	79383
1/2	12	24	600	24	600	40	1000	CLN600/24-12	71112	CLN600/24-12S	79384
1/2	12	30	750	30 1/2	760	46	1160	CLN760/30.4-12	71113	CLN760/30.4-12S	79385
1/2	12	36	900	36	900	52	1300	CLN900/36-12	71115	CLN900/36-12S	79387
1/2	12	42	1050	42 1/2	1060	60	1500	CLN1060/42.4-12	71116	CLN1060/42.4-12S	79388
1/2	12	48	1200	48	1200	64	1600	CLN1200/48-12	71039	CLN1200/48-12S	79389
1/2	12	54	1350	54 1/2	1360	72	1800	CLN1360/54.4-12	71126	CLN1360/54.4-12S	79390
1/2	12	60	1500	60 3/4	1520	80	2000	CLN1520/60.8-12	71127	CLN1520/60.8-12S	79392
1/2	12	72	1800	72	1800	92	2300	CLN1800/72-12	71042	CLN1800/72-12S	79395
1/2	12	84	2100	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	
in.	mm	in.	mm	in.	mm	in.	mm	Ordering Number	Item Code	Ordering Number	Item Code
1/2	12	18	450	18 1/2	460	34	860	CLFR460/18.4-12	71118	CLFR460/18.4-12S	79406
1/2	12	24	600	24	600	40	1000	CLFR600/24-12	71119	CLFR600/24-12S	79407
1/2	12	30	750	30 1/2	760	46	1160	CLFR760/30.4-12	71120	CLFR760/30.4-12S	79408
1/2	12	36	900	36	900	52	1300	CLFR900/36-12	71122	CLFR900/36-12S	79410
1/2	12	42	1050	42 1/2	1060	60	1500	CLFR1060/42.4-12	71123	CLFR1060/42.4-12S	79411
1/2	12	48	1200	48	1200	64	1600	CLFR1200/48-12	71005	CLFR1200/48-12S	79412
1/2	12	54	1350	54 1/2	1360	72	1800	CLFR1360/54.4-12	A1636	CLFR1360/54.4-12S	79413
1/2	12	60	1500	60 3/4	1520	80	2000	CLFR1520/60.8-12	71009	CLFR1520/60.8-12S	79415
1/2	12	72	1800	72	1800	92	2300	CLFR1800/72-12	71079	CLFR1800/72-12S	79418
1/2	12	84	2100	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:

ISO 9000 REGISTERED
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