

FLEX-LAG® MEDIUM CERAMIC

Pulley Lagging

Prevent Belt Slippage and Premature Wear

The most recent addition to the Flex-Lag offering, Medium Ceramic Pulley Lagging featuring 39% coverage, is designed to give a new option between Diamond-Pattern Ceramic (13% coverage) and Full Ceramic (80% coverage). It provides very good performance in dry, wet, or wet/muddy applications where slippage can occur, while also offering the excellent wear life of ceramic tiles at an affordable cost. The labor-saving cold vulcanization process with Flex-Lag Adhesives makes on-site installation fast, simple and efficient.

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

Constructed from individual ceramic tiles molded into a high-durometer rubber for superior abrasion resistance



Horizontal grooves trap and deflect water



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

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 Medium Ceramic comes in strip widths from 35" (880mm) to 101" (2560mm) to match up with pulley face widths, or 18" (450mm) to 84" (2100mm) to match up with belt widths. See step-by-step instructions and Strip Selection Guide to apply.
- **Available with FRAS approved rubber.** The Flex-Lag Medium Ceramic is available in both SBR and FRAS (Fire Resistant Anti Static) rubber (MSHA Certification # MSHA NO. IC-190).
- **Works with Flex-Lag Adhesives.** Flex-Lag Adhesive, Activator and Primer can be used to install this lagging.

FLEX-LAG® MEDIUM CERAMIC

Pulley Lagging

Specifications and Guidelines

Specifications:	
Temperature Rating 5°F to 185° F (-15° C to 85° C)	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	FRAS (Fire Resistant Anti-Static) MSHA Certification # MSHA NO. IC-190
Thickness 5/8" (15 mm)	

Step-by-Step selection instructions

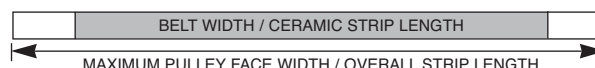
Step 1: Measure the belt width, pulley width and pulley diameter.

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
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® Medium 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
5/8	15	18	450	18 5/8	474	35	880	CLMN450/18-15	61294	CLMN450/18-15S	62052
		24	600	24 5/8	626	41	1032	CLMN600/24-15	61295	CLMN600/24-15S	62053
		30	750	30 5/8	779	47	1185	CLMN750/30-15	61296	CLMN750/30-15S	62054
		36	900	36 5/8	931	53	1337	CLMN900/36-15	61297	CLMN900/36-15S	62055
		42	1050	42 5/8	1082	59	1488	CLMN1050/42-15	61298	CLMN1050/42-15S	62056
		48	1200	48 5/8	1235	65	1641	CLMN1200/48-15	61299	CLMN1200/48-15S	62057
		54	1350	54 5/8	1388	71	1794	CLMN1350/54-15	61300	CLMN1350/54-15S	62058
		60	1500	60 5/8	1541	77	1947	CLMN1500/60-15	61301	CLMN1500/60-15S	62059
		72	1800	72 5/8	1842	89	2248	CLMN1800/72-15	61302	CLMN1800/72-15S	62060
		84	2100	84 7/8	2155	101	2561	CLMN2100/84-15	61303	CLMN2100/84-15S	62061

Flex-Lag® Medium 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
5/8	15	18	450	18 5/8	474	35	880	CLMFR450/18-15	61308	CLMFR450/18-15S	62063
		24	600	24 5/8	626	41	1032	CLMFR600/24-15	61309	CLMFR600/24-15S	62064
		30	750	30 5/8	779	47	1185	CLMFR750/30-15	61310	CLMFR750/30-15S	62065
		36	900	36 5/8	931	53	1337	CLMFR900/36-15	61311	CLMFR900/36-15S	62066
		42	1050	42 5/8	1082	59	1488	CLMFR1050/42-15	61312	CLMFR1050/42-15S	62067
		48	1200	48 5/8	1235	65	1641	CLMFR1200/48-15	61313	CLMFR1200/48-15S	62068
		54	1350	54 5/8	1388	71	1794	CLMFR1350/54-15	61314	CLMFR1350/54-15S	62069
		60	1500	60 5/8	1541	77	1947	CLMFR1500/60-15	61315	CLMFR1500/60-15S	62070
		72	1800	72 5/8	1842	89	2248	CLMFR1800/72-15	61316	CLMFR1800/72-15S	62071
		84	2100	84 7/8	2155	101	2561	CLMFR2100/84-15	61317	CLMFR2100/84-15S	62072

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

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

Authorized Distributor:



2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 • USA
Tel: (630) 971-0150 • Fax: (630) 971-1180 • E-mail: info@flexco.com

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

©2014 Flexible Steel Lacing Company. 08-14. For Reorder: X3015

