

FLEX-LAG® CROWNED PULLEY LAGGING

Combat Belt Mistracking with Crowned Pulley Lagging

Flex-Lag® Crowned Pulley Lagging features tapered end pieces that are perfect for improving mistracking belts, specifically on tail and bend pulleys. This lagging is optimal for pulleys operating in low-to-medium belt tension applications and belt widths from 450mm – 1800mm.



Thickness of end pieces is tapered - 1:150 ratio

Tapered end pieces hot vulcanised to the center lagging section to form crowned lagging strip. End pieces extend past the pulley end and are trimmed flush with the shell

Flat center lagging section - length can be varied to suit pulley size



Diamond Pattern - Natural and FRAS compounds available

Features and Benefits:

- **Divided into three equal sections along the pulley face.** Middle section is flat, while end sections taper at a ratio of 1:150.
- **Optimal for improving mistracking** on tail and bend pulleys.
- **Available in both Natural and FRAS compounds**, in a diamond pattern.
- **Crown lagging has minimal effect on very slow conveyors**, contrary to faster rotating pulleys which generate higher gyroscopic force to pull the belt back to the centre.
- **Not for use with drive pulleys or head pulleys**, as the lagging can adversely affect tension and cause belt shift or can affect the trajectory of the product into transfer chutes and negatively affect cleaner performance.
- **Not to be used on pulleys that run steel cord belts.**



FLEX-LAG[®] CROWNED PULLEY LAGGING

Specifications

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Temperature Rating -15° C to 85° C (5° F to 185° F)	Rubber Hardness 68 ± 3 Shore A
Rubber Compound SBR (Styrene-Butadiene-Rubber)	FRAS (Fire Resistant Anti Static) MHSA Certification # - MSHA NO. IC-190 Available (see below)

NOTE: Available with an uncured layer suitable for autoclaving.

Strip Selection Chart

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

Strip 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.

Ordering Information

Flex-Lag [®] Natural Rubber - Taper 1:150					
Thickness	Belt Width	Center Flat Section	Strip Length	Item Code	Ordering Number
15	450	317	850	69263	15ND-450-T150
15	600	367	1000	69264	15ND-600-T150
15	750	417	1150	69265	15ND-750-T150
15	800	433	1200	69266	15ND-800-T150
15	900	467	1300	69267	15ND-900-T150
15	1050	517	1450	69268	15ND-1050-T150
15	1200	567	1600	69269	15ND-1200-T150
15	1350	617	1750	69270	15ND-1350-T150
15	1400	633	1800	69271	15ND-1400-T150
15	1500	667	1900	69272	15ND-1500-T150
15	1600	700	2000	69273	15ND-1600-T150
15	1700	733	2100	69274	15ND-1700-T150
15	1800	767	2200	69275	15ND-1800-T150

All items are non-stock. Lead time 2 weeks

Flex-Lag [®] FRAS Rubber - Taper 1:150					
Thickness	Belt Width	Center Flat Section	Strip Length	Item Code	Ordering Number
15	450	317	850	69276	15FRD-450-T150
15	600	367	1000	69277	15FRD-600-T150
15	750	417	1150	69278	15FRD-750-T150
15	800	433	1200	69279	15FRD-800-T150
15	900	467	1300	69280	15FRD-900-T150
15	1050	517	1450	69281	15FRD-1050-T150
15	1200	567	1600	69282	15FRD-1200-T150
15	1350	617	1750	69283	15FRD-1350-T150
15	1400	633	1800	69284	15FRD-1400-T150
15	1500	667	1900	69285	15FRD-1500-T150
15	1600	700	2000	69286	15FRD-1600-T150
15	1700	733	2100	69287	15FRD-1700-T150
15	1800	767	2200	69288	15FRD-1800-T150

Authorised Distributor:

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