

## CleatLine® *Locks in Your Materials!*

### Free flowing materials...no problem!

Made to handle aggressive transfer and elevation of free flowing materials, Fenner Dunlop's **CleatLine** is designed for efficient and smooth operation over return idlers and for quick pick-up at loading points. Each cleat pattern is integrally molded into the belt eliminating the possibility of separation or the need for vulcanizing cleats onto the belt.



#### Markets & Applications:

- **Grain**
- **Wood chips**
- **Bark**
- **Cement**
- **Light aggregates**
- **Materials handled on road machines**

#### Reasons to Count on CleatLine

- Molded cleats ensure years of trouble free service - no chance of cleats separating from the belt
- Cleats can be made with recessed edges to accommodate skirtboarding
- Available constructions: UsFlex®, PSR®, RockMaster® or Utility®
- Variety of compounds offered: MOR, Granite, ORWP, UGH, CGH and Platinum
- Available widths: 48", 60" & 72" or custom order
- Available lengths: 600' & 1,200' or custom order

#### Choose from seven proven patterns:

- **V-Top**
- **U-Top**
- **C-Top**
- **Y-Top**
- **B-Pattern**
- **F-Pattern**
- **Chevron Pattern**

# CleatLine Specification Table<sup>4</sup> - "Imperial" and "Metric"



Carcass Style	CLEATLINE UTILITY				CLEATMASTER				PSR CLEATLINE			
	2-160		3-240		2-220		3-330		2-220		3-330	
<b>Number of Plies</b>	2		3		2		3		2		3	
<b>Carcass Gauge<sup>2</sup> (in ... mm)</b>	.096	2.2	.109	2.7	.095	2.4	.130	3.3	.122	3.1	.176	4.5
<b>Carcass Weight<sup>3</sup> (lb/in/ft ... kg/m<sup>2</sup>)</b>	.035	2.0	.041	2.4	.044	2.6	.063	3.7	.054	3.2	.081	4.7
<b>Max Tension Rating<sup>1</sup> (PIW ... N/mm)</b>	160	28	240	42	220	39	330	58	220	39	330	58
<b>Troughing/Empty<sup>1</sup> - Min Belt Width (in...mm)</b>												
20° idlers	14	350	16	400	14	350	20	500	16	400	20	500
35° idlers	18	450	20	500	18	450	24	600	20	500	24	600
<b>Load Support<sup>1</sup> - Max Belt Width (in ... mm)</b>												
20° idlers (0 – 40 lbs/ft <sup>3</sup> ... 0 – 640 kg/m <sup>3</sup> )	42	1050	54	1400	42	1050	60	1500	48	1200	60	1500
20° idlers (41 – 80 lbs/ft <sup>3</sup> ... 641 -1280 kg/m <sup>3</sup> )	36	900	48	1200	36	900	54	1400	42	1050	54	1400
20° idlers (81 – 120 lbs/ft <sup>3</sup> ... 1281 -1920 kg/m <sup>3</sup> )	30	750	42	1050	30	750	42	1050	36	900	48	1200
35° idlers (0 – 40 lbs/ft <sup>3</sup> ... 0 – 640 kg/m <sup>3</sup> )	36	900	48	1200	36	900	54	1400	42	1050	54	1400
35° idlers (41 – 80 lbs/ft <sup>3</sup> ... 641 -1280 kg/m <sup>3</sup> )	30	750	42	1050	30	750	48	1200	36	900	48	1200
35° idlers (81 – 120 lbs/ft <sup>3</sup> ... 1281 -1920 kg/m <sup>3</sup> )	24	600	36	900	24	600	42	1050	30	750	42	1050
<b>Minimum Pulley Diameters (in ... mm)</b>												
81 – 100% belt rated tension	14	350	16	400	16	400	20	500	16	400	20	500
61 – 80% belt rated tension	12	300	14	350	14	350	18	450	14	350	18	450
Up to 60% belt rated tension	10	250	12	300	12	300	14	350	12	300	16	400

- 1 PSR CleatLine tension ratings reflect a minimum 10:1 safety factor. CleatMaster and CleatLine Utility tension ratings reflect a minimum 8:1 safety factor. With the appropriate fastener selection and installation, a minimum 4:1 mechanical fastener safety factor can be achieved.
- 2 Add the appropriate cover gauge to this carcass gauge to obtain the approximate overall belt thickness.
- 3 Add the appropriate cover weight to this carcass weight to obtain the approximate overall belt weight.
- 4 "Imperial/English" values above are in BLACK, while "Metric" values are in RED.

**Standard Offerings:**

- Cover gauges - 1/8" min top cover and 3/32" min bottom cover
- Roll size - 72 inch max width and 96 inch max roll diameter

