



## RockMaster® *There's No Compromising for Price*

### Durable and Economical? We've got your belt!

RockMaster is the reliable, economically priced belt for less demanding applications such as sand and gravel. RockMaster has full between ply rubber gauges and will stretch less than 2% at full operating tension. We manufacture RockMaster under the same stringent ISO 9001:2008 quality standards as the entire Fenner Dunlop product line.

#### Markets & Applications:

- **Crushed stone**
- **Sand & gravel**
- **Ready mix**
- **Cement**
- **Fertilizers**

#### Reasons to Count on RockMaster

- Less than 2% stretch at full working tension, reducing downtime
- 4 to 1 mechanical splice fastener retention safety factor
- Full gauge rubber between plies for excellent beam stiffness and overall flexibility
- Outstanding wear characteristics with our Platinum® and Abrader® cover compounds
- Available in 2-220, 3-330 or 4-440 constructions
- Superior carcass adhesions in both wet and dry applications
- 100% made in USA and Canada by Fenner Dunlop



# RockMaster Specification Table - "Imperial / Metric"



Fabric Ply Carcass Style Number of Plies	RockMaster 110					
	2-220		3-330		4-440	
	2		3		4	
	Imperial	Metric	Imperial	Metric	Imperial	Metric
Carcass Gauge <sup>3</sup> (in / mm)	.095	2.5	.130	3.3	.168	4.3
Carcass Weight <sup>4</sup> (lb/in/ft / kg/m <sup>2</sup> )	.044	2.7	.063	3.7	.083	4.9
Elastic Modulus (lbs/in / N/mm)	26000	4550	29000	5100	46000	8050
Max Tension Rating <sup>2</sup> (PIW / N/mm)	220	39	330	58	440	77
<b>Troughing/Empty<sup>1</sup> – Min Belt Width (in / mm)</b>						
20° idlers	14	350	20	500	24	600
35° idlers	18	450	24	600	30	750
<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	60	1500	72	1800
20° idlers (41 – 80 lbs/ft <sup>3</sup> / 641 - 1280 kg/m <sup>3</sup> )	36	900	54	1400	60	1500
20° idlers (81 – 120 lbs/ft <sup>3</sup> / 1281 - 1920 kg/m <sup>3</sup> )	30	750	42	1050	54	1400
35° idlers (0 – 40 lbs/ft <sup>3</sup> / 0 - 640 kg/m <sup>3</sup> )	36	900	54	1400	60	1500
35° idlers (41 – 80 lbs/ft <sup>3</sup> / 641 - 1280 kg/m <sup>3</sup> )	30	750	48	1200	54	1400
35° idlers (81 – 120 lbs/ft <sup>3</sup> / 1281 - 1920 kg/m <sup>3</sup> )	24	600	36	900	48	1200
<b>Minimum Pulley Diameters (in / mm)</b>						
81 – 100% belt rated tension	16	400	20	500	24	600
61 – 80% belt rated tension	14	350	18	450	20	500
Up to 60% belt rated tension	12	300	14	350	18	450
<b>Standard Constructions Available</b>						
1/8" X 1/16" Platinum & Abrader covers	Yes		-		-	
3/16" x 1/16" Platinum & Abrader covers	Yes		Yes		-	
1/4" x 1/16" Platinum & Abrader covers	-		Yes		Yes	

**Note:** RockMaster is designed for general purpose applications (ie, material size is 3" or less, the material drop is 4' or less, the idler troughing angle is 35° or less, and the material weight is no more than 120 lbs/ft<sup>3</sup>.)

- 1 Troughability and Load Support values can be influenced by certain cover gauge and compound combinations used. When in doubt, please contact FDA for selection guidance.
- 2 RockMaster 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.
- 3 Add the appropriate cover gauge to this carcass gauge to obtain the approximate overall belt thickness.
- 4 Add the appropriate cover weight to this carcass weight to obtain the appropriate overall belt weight.
- 5 "Imperial/English" values above are in BLACK, while "Metric" values are in RED.

