

ROCKMASTER



RockMaster

RockMaster is manufactured by Fenner Dunlop to be a high tenacity Polyester / Nylon (PN) plied rubber conveyor belt used in general service applications. **RockMaster** is manufactured under the same stringent ISO 9001:2000 quality standards as the entire Fenner Dunlop product line

Economic Solution

RockMaster is engineered to be the solution to the economic restraints our customers deal with on a day to day basis in their market place. **RockMaster** has full between ply rubber gauges and will stretch less than 2% at full operating tension. **RockMaster** is available in Platinum and RMA Grade II cover compounds.

RockMaster Construction

RockMaster is offered in 2, 3, and 4 ply 110 LB carcass constructions only and has excellent fastener retention values of 4:1 on mechanical splices in both bolt and rivet-type splices. **RockMaster** is designed for general purpose applications where material size is 4" or less, material drop is 3' or less, and the idler troughing angle is 35 degrees or less.

RockMaster Applications

RockMaster is designed for general purpose applications such as Aggregates, Crushed Stone, Hard Rock, Sand & Gravel, Ready Mix, Cement, Phosphate, and Recycling.

RockMaster Features

- 100% Made in the USA and Canada by Fenner Dunlop
- Less than 2% stretch at full working tensions
- 4 to 1 mechanical splice fastener retention safety factor
- Full gauge rubber between plies
- Platinum and RMA Grade II cover compounds
- Excellent adhesions

RockMaster Benefits

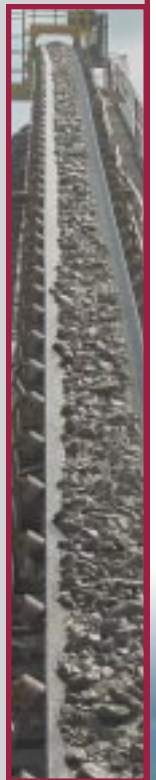
- Quality you trust from our ISO-9001:2000 certified manufacturing facility
- No down time to remove excessive belt stretch
- Superior fastener retention capabilities
- Provides excellent impact resistance
- Outstanding wear characteristics
- Polyester fabric resists moisture and has exceptional rubber to fabric bond, thus offering our customers superior adhesions in both wet and dry applications.

Available Cover Compounds

RockMaster is available in cover gauges up to 1/4" and in the following compounds:

Platinum (RMA Grade I) – Superior endurance against heavy above ground abrasive materials with good resistance to cutting and gouging

RMA Grade II – for above-ground, abrasive materials handling.



ROCKMASTER SPECIFICATIONS	FABRIC STYLE	ROCKMASTER 110		
		2-220	3-330	4-440
	BELT STYLE			
	NUMBER OF PLYS	2	3	4
TENSION RATING² (PIW)		220	330	440
APPROX CARCASS GAUGE³ - INCHES		.095	.130	.168
APPROX CARCASS WEIGHT⁴ (LBS/IN/FT)		.046	.063	.083
MINIMUM PULLEY DIAMETER				
	81% - 100% TENSION	16"	20"	24"
	61% - 80% TENSION	14"	18"	20"
	UP TO 60% TENSION	12"	14"	18"
MINIMUM BELT WIDTH (INCHES) FOR EMPTY BELT TROUGHING¹				
IDLER TYPE	20°	14"	20"	24"
	35°	18"	24"	30"
MAXIMUM BELT WIDTH (INCHES) FOR LOAD SUPPORT¹				
20° IDLERS	0 - 40 # /CU.FT.	42"	60"	72"
	41 - 80 # /CU.FT.	36"	54"	60"
	81 - 120 # /CU.FT.	30"	42"	54"
35° IDLERS	0 - 40 # /CU.FT.	36"	54"	60"
	41 - 80 # /CU.FT.	30"	48"	54"
	81 - 120 # /CU.FT.	24"	36"	48"
AVAILABLE STANDARD CONSTRUCTIONS AND COVERS				
RM 2-220	1/8" X 1/16"	Grade II	Available widths: 60" & 72" Lengths: 600', 1,200', and 2,400'	
RM 2-220	3/16" X 1/16"	Grade II		
RM 3-330	3/16" X 1/16"	Grade II		
RM 3-330	1/4" X 1/16"	Grade II		
RM 4-440	1/4" X 1/16"	Grade II		

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

1 Troughability and Load Support Tables can be influenced by certain cover gauge and compound combinations used.

2 Tension Ratings reflect a minimum 8-10:1 safety factor. With the appropriate selection & installation, a minimum of 4:1 safety factor can be applied with mechanical fasteners.

3 Add gauge of both covers to carcass gauge to obtain the overall gauge.

4 Add carcass weight to appropriate cover weight to obtain the total belt weight (In pounds per inch of width per linear foot of length).



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