

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 Abrader™ 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 Abrader™ 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

Abrader™ – for above-ground, abrasive materials handling.



ROCKMASTER® SPECIFICATIONS	FABRIC STYLE	ROCKMASTER® 110		
		BELT STYLE	2-220	3-330
	NUMBER OF PLYS	2	3	4
TENSION RATING ² (PIW)		220	330	440
APPROX CARCASS GAUGE ³ - INCHES		.095	.130	.168
APPROX CARCASS WEIGHT ⁴ (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" and 84" Lengths: 600' and 1,200'	
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° 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).

Other trusted Fenner Dunlop Americas Brands:

- CLEATLOK®
- FLEXLOX™
- GOLDLINE®
- HOTSHOT®
- POWERLINK I&II®
- SADDLEFLEX™
- SECURITY® VALUELINE®
- FERROFLEX®
- GEORGIA DUCK®
- HARVEST®
- KORDLOK®
- QUARRY KING®
- SCANDURA®

ROCKMASTER®