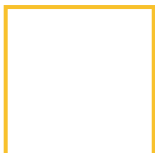




## Rollers by Gravity

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The load being moved on the conveyor, determines the type of roller to be used. The length and material of the roller is defined as well as the type of roller bearings. It is important as well to consider the environment in which transporter will be in, since wet or corrosive environments demand special materials and rollers for the conveyor.



### Light load service

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 quam.



Medium load service



Heavy load service for  
 wet environments.



Extra heavy weight for wet  
 environment.

## CHARACTERISTICS OF THE ROLLERS AND THEIR ELEMENTS

ROLLER	TYPE OF TUBE -Common name of material -Outer diameter	TUBE WALL THICKNESS (mm)	Roller Axels	Ball Retaining type	Distance between frames	Roller Capacity
1.5" light Load	industrial tube steel 1,5"	1,5 (0,059")	7/16 Hex Galvanized Steel	Open/19 - 3mm	6" - 26" 150-660mm	45 Kg 100 Lb.

2.0" medium load	industrial tube steel 2"	1,5 (0,059")	7/16 Hex Galvanized Steel	Open/11-1/4"	6" – 26" 150-660mm	120 Kg. 260 Lb.
2.0" heavy loads, wet environment	industrial tube steel 2"	1,5 (0,059")	7/16 Hex Galvanized Steel"	Sealed/ 8 – 17/64"	6" – 26" 150-660mm	170 Kg. 380 Lb.
2 3/8" extra heavy load wet environment	2" Sch. 40 steel 2.345"	3,9 (0,059")	7/16 Hex Galvanized Steel	Sealed/ 8 – 17/64"	6" – 26" 150-660mm	570 Kg. 1250 Lb.
1.9" light load wet corrosive environments	1.9 PVC SDR 17 1.9"	3,0 (0,118")	7/16 Hex Aluminium	Plastic/ 14- 3/16 stainless steel balls	6" – 26" 150-660mm	23 Kg. 50 Lb.

-The Sealed roller offers an additional characteristic: Maintenance free.

-Rollers are manufactured in special sizes and designs under special orders.