

# GORTITE<sup>®</sup> MACHINE ROOF COVERS

## FOR NOISE ATTENUATION AND CONTAINMENT OF DUST AND PARTICLES

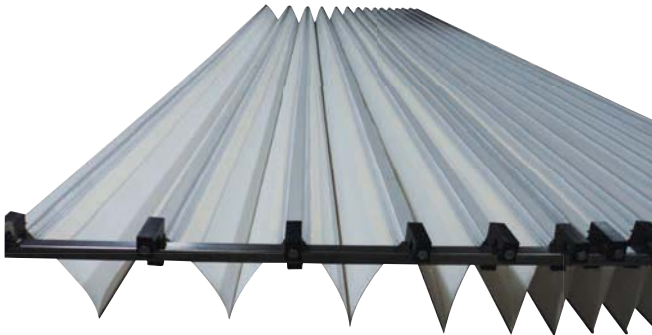
**Specifications:**

- Material: translucent bellows using polyurethane TPE with high-strength monofilament polyester
- Support structure: lightweight aluminum with low-friction plastic guide blocks and precision bearing rollers to minimize energy consumption
- Capable of 1G acceleration; 60 meter/minute velocity
- Capable of over 10:1 extended length to retracted length ratio
- Optional Dynatect-supplied mounting rails
- Variable fold depth and folding direction (standard or inverted) provides necessary clearances

**Features:**

- Translucent covers protect environment from dust and provide noise attenuation
- Large self-supporting span with minimal deflection – up to 30 ft. (9.144 m)
- Configurable to almost any rail or way system
- Individually replaceable folding sections

Standard Fold Direction



Inverted Fold Direction



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Date \_\_\_\_\_ Address \_\_\_\_\_  
 Company Name \_\_\_\_\_ City \_\_\_\_\_ State/Prov. \_\_\_\_\_  
 Contact \_\_\_\_\_ Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_  
 Quantity \_\_\_\_\_ Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
 Email \_\_\_\_\_

## 1. Application/Environment Information

Bellows For:  Dust/Particle Containment (please describe) \_\_\_\_\_  
 Noise Attenuation

Cover Installation:  Existing Rails (please provide dimensions) \_\_\_\_\_  in  mm  
 Dynatect to Supply Rails

Machine Speed: \_\_\_\_\_ Acceleration: \_\_\_\_\_ (Please indicate unit of measurement for each value.)

Application Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 2. Extended/Retracted Length/Travel

- Specify cover extended and retracted length requirements or indicate travel and Dynatect will advise closed length.
- Standard covers have 10 to 1 extended-to-retracted ratio, yet modifications can be engineered.

Extended Length: \_\_\_\_\_ Retracted Length: \_\_\_\_\_ Travel Length: \_\_\_\_\_

Dimensions specified in:  in  mm

Note: Single cover shown.

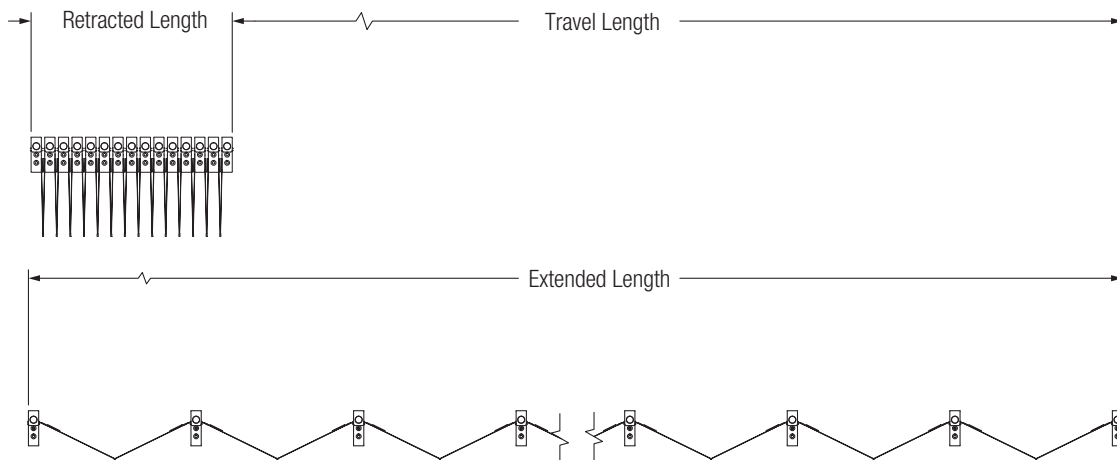


Diagram #1 – Extended/Retracted Travel

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### 3. Required Dimensions (Refer to Diagrams #2 and #3 below.)

- (A) Machine or Pit Width: \_\_\_\_\_
- (D) Rail Dimensions: \_\_\_\_\_  
(If rails already exist; otherwise 1.5" x 1.5" [38mm x 38mm] standard rail size if supplied by Dynatect.)
- (E) Distance – Rail Center to Rail Center: \_\_\_\_\_  
(If rails already exist.)

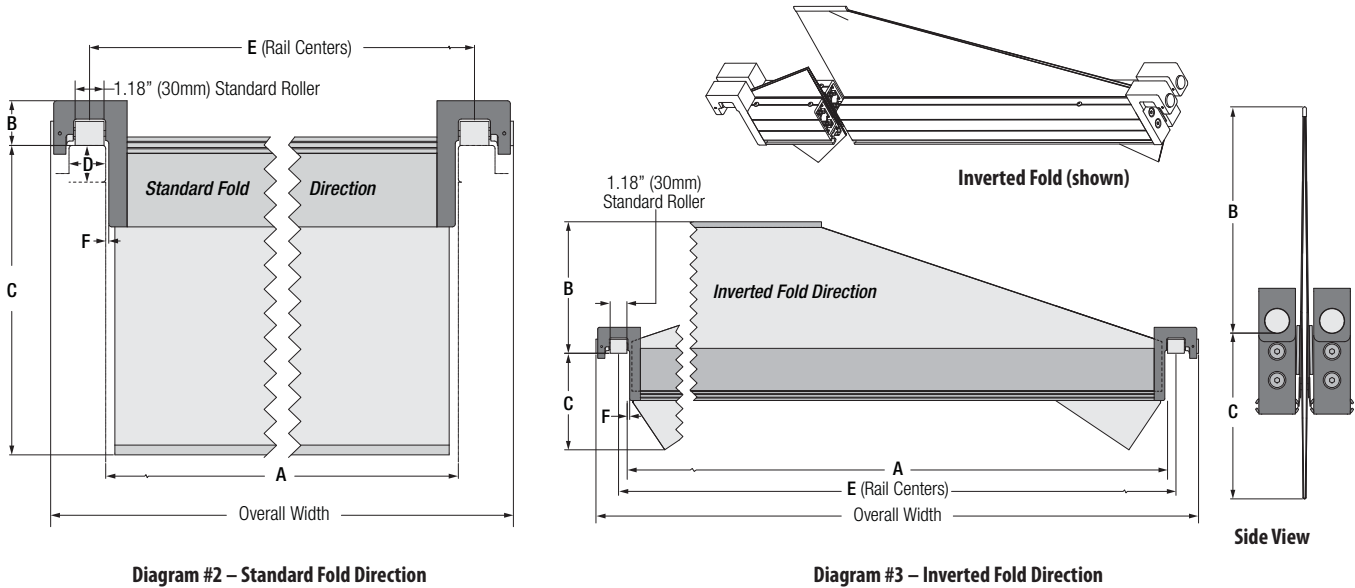


Diagram #2 – Standard Fold Direction

Diagram #3 – Inverted Fold Direction

### 4. Type of Cover by Width (Note: Custom sizes can be made.)

- Medium-Duty – 12 to 24 ft. (most common)
- Heavy-Duty – 24 to 30 ft.
- Light-Duty – <12 ft. and less than 1,400 in./min. (35 m./min.)

### 5. Clearance Requirements

(Standard clearance requirements are listed below. Please provide any space restrictions or provide a sketch of your application.)

- (B) Upper Clearance from Top of Rail: \_\_\_\_\_
  - 1.83" (46 mm) for standard fold direction
  - 9.67" (246 mm) for inverted fold direction
- (C) Lower Clearance from Top of Rail: \_\_\_\_\_
  - Medium-Duty Cover: 12.65" (321 mm) for standard fold direction  
3.33" (85 mm) for inverted fold direction
  - Heavy-Duty Cover: 15.65" (397 mm) for standard fold direction  
6.33" (161 mm) for inverted fold direction
  - Light-Duty Cover: 11.65" (296 mm) for standard fold direction  
2.33" (60 mm) for inverted fold direction
- (F) Standard Gap: \_\_\_\_\_
  - 0.13" (3 mm) depending on surface flatness