

## Installation Instructions for Obstacle Markings

02-2019

### YOUR OBSTACLE MARKING OPTIONS:



Obstacle Tape in 1" by  
164-foot Roll Length  
82-foot Roll Length



Aluminum Strip with THIN adhesive  
1" x 4 feet

The IBC code requires objects that **project more than 4 in. into the egress path at or below 6 feet 6 inches (= 78 in.)** in height to be outlined with black/photoluminescent Obstacle Marking. Determine which pipes, permanent fire-fighting equipment, emergency telephones and other objects qualify for markings.

1. **Make sure the obstacle surface has no paint coming loose.** Remove any flaky paint with a **scraper** and any surface unevenness with **sandpaper**. Especially pipes have often been painted over again and again: so by now, their surface might be spiky and rough. You need a **SMOOTH installation surface**.

2. **WATER WET-CLEAN the obstacle surface with a moist microfiber cloth** [see blue cloth] **to thoroughly remove any grease, dirt or grime.** Once the obstacle surface has dried, wipe it clean with 70% Isopropyl alcohol, using a differently colored cloth. **Prior to marking installation, obstacle surface must be dry, dust-free and clean.**



Water wet-clean



Isopropyl-Alcohol wipe

3. **Measure the lengths that you have to mark and cut Obstacle Marking to appropriate length.** Majority of the time, obstacles are round pipes.

**Round all PIPE-installed Obstacle Marking ends** using scissors or a toe-nail clipper. The rounded Marking ends help the marking conform better to the round pipe surface.

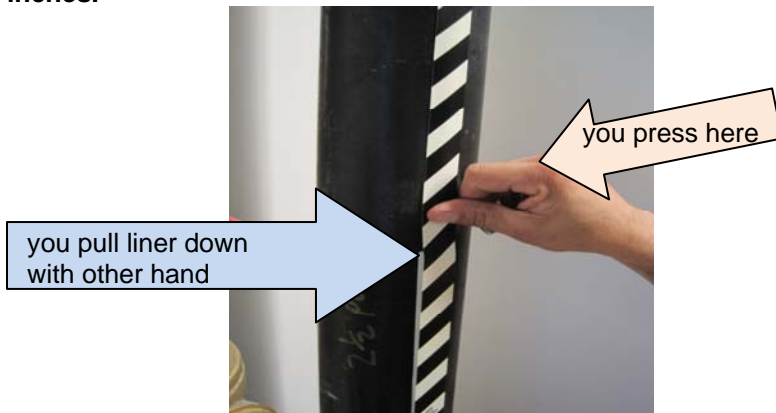


4. Do NOT curve Obstacle Markings over odd bends. **Do NOT apply on welded bulges and pipe seams:** cut before seam/bulge and restart thereafter.



Small gaps are OK: **better to apply short strips between two pipe connection seams** and avoid any wrinkles or gaps between marking and pipe surface, as exposed adhesive will dry out and the marking may come loose over time.

5. Remove adhesive-protecting paper backing **without touching adhesive:** hold Marking along its edges only. Now imagine building evacuees and their walking path coming down the stairs from higher floors, OR entering a staircase from the Access Corridor OR evacuees going up the stairs, coming out of basements: position the obstacle marking on the clearly viewable surface(s) of the obstacle for the entire height up to 78 inches.



Item-No.: 86-7006

6. Press Photoluminescent/black Obstacle Marking in place **at the top.** Do NOT pull Tape; instead lay it onto obstacle surface without stretching. Remove the paper line foot-by-foot and press onto the tape, as you pull.

Afterwards use a Pressure Roller to apply **firm and even pressure** onto the entire marking to ensure its adhesive backing comes in full contact with the obstacle surface. The pressure roller also helps to squeeze out any air bubbles.