# AVERY DENNISON MARKETING SPECIFICATION

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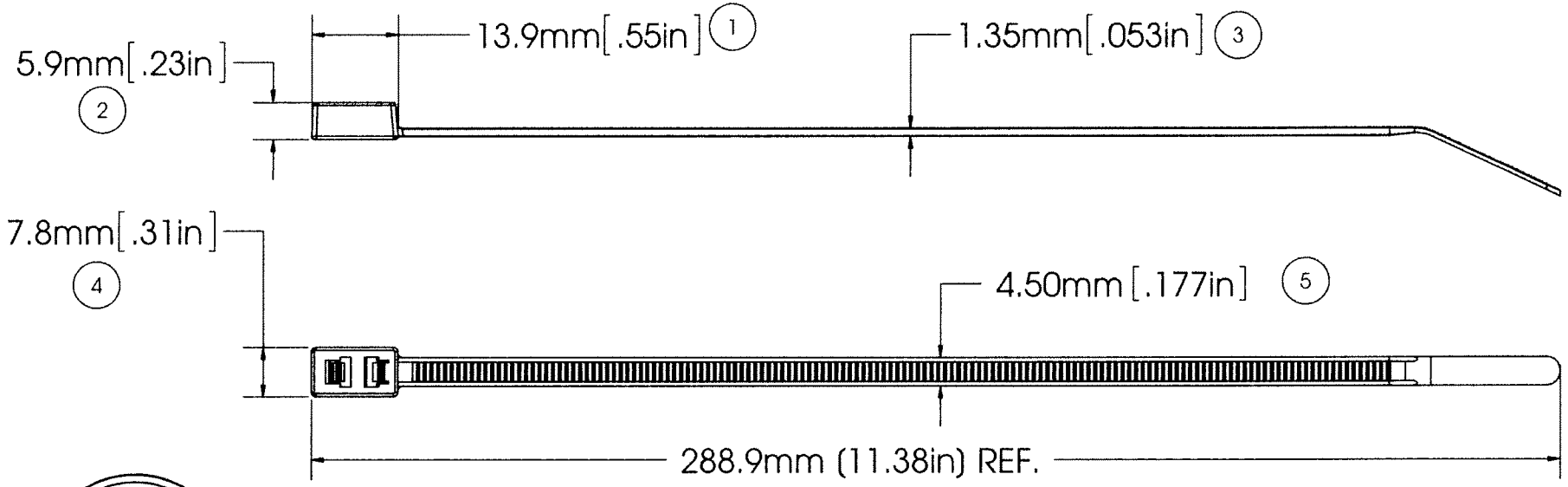
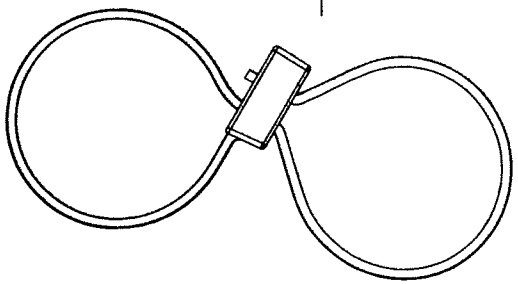
HISTORY

| REV. | DATE | DESCRIPTION |
|---|---|---|
| L | 10.02.13 | UPDATED TO NEW FORMAT; ADDED TEMP RATING |
| M | 10.14.14 | ADDED MIN INSTALL TEMP; UL LOGO AND 5000 PER CASE CHG LOOP TENSILE TO NEWTONS |



**ASSEMBLED VIEW**

| | |
|---|---|
| LOOP TENSILE STRENGTH: | 50 LBF / 220N MIN. PER AS-23190 |
| OPERATING TEMP RANGE: | -40°F (-40°C) TO 220°F (105°C) |
| MIN. INSTALLATION TEMP.: | 32°F(0°C) |
| WEIGHT: | 0.070 OZ./1.994 GRAMS |
| BUNDLE DIAMETER: | .063" MIN TO: ONE LOOP UP TO Ø3" OR TWO LOOPS UP TO Ø1.38 EACH |
| TOOL: | 12001 - HAND INSTALLATION TOOL<br>12500 - PNUEM. INSTALLATION TOOL |
| TOOL TENSION SETTING: | 6 - 8 |
| PACKAGING: | 1000/BAG 5000/CASE |

NOTE: THESE CABLE TIES ARE PLENUM RATED AND HAVE A FLAMMABLITY RATING OF V-2

c UL us
**LISTED**
**POSITIONING DEVICE**
**E57800**
**TYPE 21**

APPROVALS: ENG. APPR. 10/14/14
Q.A. APPR. 10/14/14

SPECIFIED TOLERANCES ARE:
.XX ± .03 IN. .X ± .7 MM
.XXX ± .01 IN. .XX ± .25 MM
ANGULAR: ± 2°

MATERIAL: **NYLON 6/6, HEAT STABILIZED**

COLOR: **BLACK**

AVERY DENNISON
FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-5913
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DESCRIPTION: **11" CABLE TIE, STD, DOUBLE HEADED**

STOCK NO.: **10431-0**

REV.: **M**

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