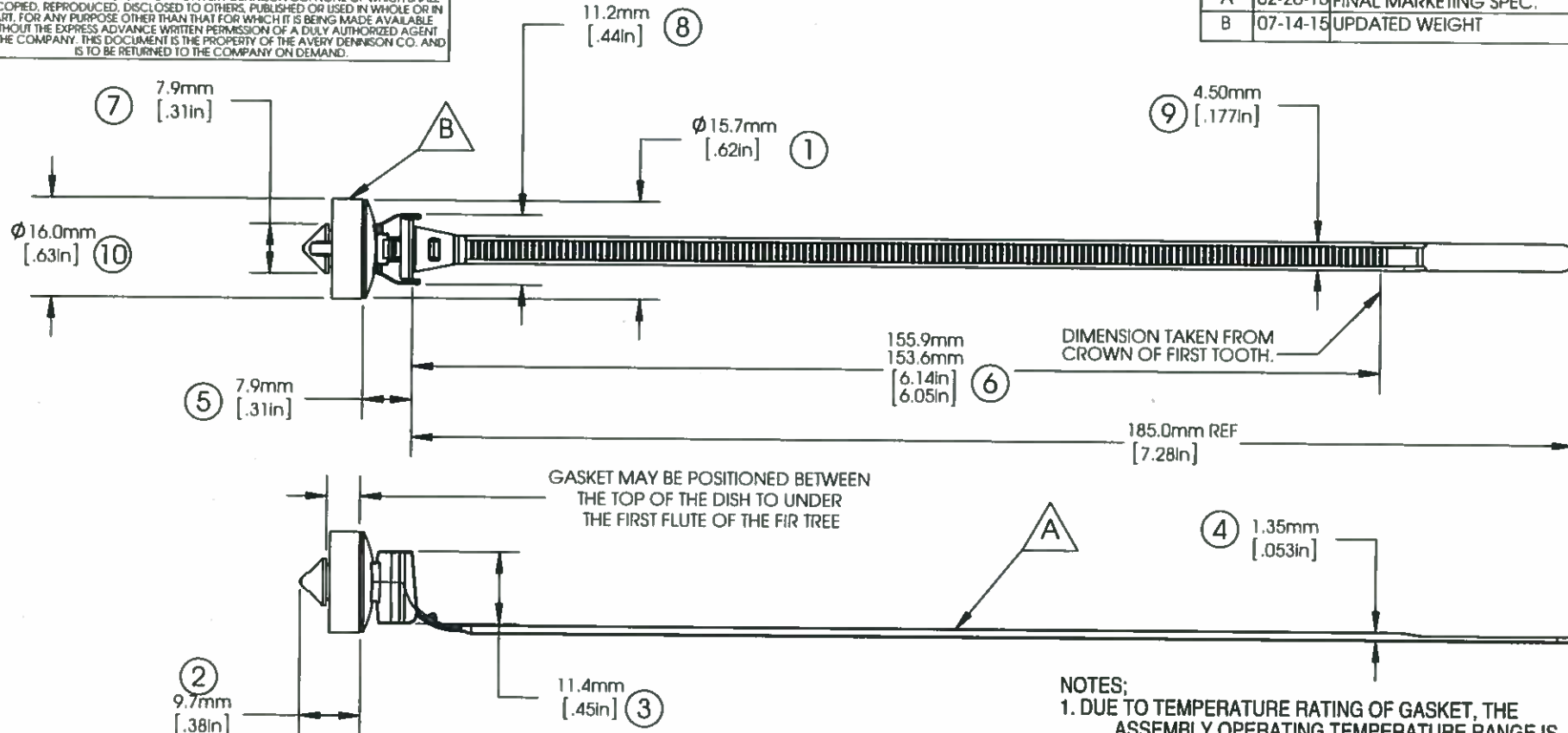


# AVERY DENNISON MARKETING SPECIFICATION

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## HISTORY

| REV. | DATE     | DESCRIPTION           |
|------|----------|-----------------------|
| A    | 02-26-15 | FINAL MARKETING SPEC. |
| B    | 07-14-15 | UPDATED WEIGHT        |



- NOTES:
1. DUE TO TEMPERATURE RATING OF GASKET, THE ASSEMBLY OPERATING TEMPERATURE RANGE IS -40°C (-40°F) TO 85°C (185°F)
  2. FLAMMABILITY SPECIFICATIONS:  
CABLE TIE: UL 94 - CLASS HB; FMVSS-302  
FOAM GASKET: UL 94 - CLASS HF-1; FMVSS-302

|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
| MOUNTING:             | Ø 6.60 ±0.25mm HOLE AND 6.35mm HEX HOLE. PANEL THICKNESS OF 0.6mm TO 1.8mm |
| TENSILE STRENGTH:     | 50 LBF / 22.7 KGf MIN.                                                     |
| OPERATING TEMP RANGE: | -40°F (-40°C) TO 257°F (125°C)                                             |
| CABLE TIE:            | -40°F (-40°C) TO 160°F (70°C)                                              |
| LDPE GASKET:          |                                                                            |
| APPROX. ASSY WEIGHT:  | 1.8g                                                                       |
| BUNDLE DIAMETER:      | Ø 1.6mm TO Ø 4.5mm                                                         |
| TOOL:                 | 12001 - HAND INSTALLATION TOOL<br>12500 - PNUEM. INSTALLATION TOOL         |
| TOOL TENSION SETTING: | 6 - 8                                                                      |
| PACKAGING:            | 1000/BAG, 5 BAGS/MASTER                                                    |

| ITEM NO. | DESCRIPTION        | MATERIAL                                   | COLOR |
|----------|--------------------|--------------------------------------------|-------|
| A        | 4 FLUTE CURVED TIE | NYLON 6/6, IMACT MODIFIED, HEAT STABILIZED | BLACK |
| B        | GASKET             | LOW DENSITY POLYETHYLENE                   | BLACK |

|                             |                                       |                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPROVALS:                  | ENG. APPR. <i>[Signature]</i> 7/16/15 | <b>AVERY DENNISON</b><br><small>FASTENER DIVISION<br/>                     FITCHBURG, MA 01420 U.S.A.<br/>                     TEL: 1-800-225-5913<br/>                     FAX: 978-353-8157</small> |
|                             | Q.A. APPR. <i>[Signature]</i> 7/16/15 |                                                                                                                                                                                                       |
| SPECIFIED TOLERANCES ARE:   | MATERIAL                              | DESCRIPTION                                                                                                                                                                                           |
| .XX ± .03 in .X ± .7 mm     | SEE TABLE                             | 4 FLUTE CURVED TIE W/GASKET                                                                                                                                                                           |
| .XXX ± .010 in .XX ± .25 mm | COLOR                                 | SEE TABLE                                                                                                                                                                                             |
| ANGULAR: ± 2°               |                                       | STOCK NO. <b>20042-GSK</b>                                                                                                                                                                            |
|                             |                                       | REV. <b>B</b>                                                                                                                                                                                         |