



## #78: A-1 MACHINE TAPE

Main Industry Segments: Paper manufacturing and processing. Belt Applications: Machine tape; Power transmission belt; Thread carrier belt Special Features: Abrasion resistant; Constant coefficient of friction; Forgiving in case of short term shock like overloads. Mode of Use/Conveyance: Declined; Horizontal; Inclined; Power transmission; Vertical



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PLIES: 2 | TOP COVER: GREEN MATTE NBR | BOTTOM COVER: BLACK NBR

**Tags:** [Incline](#), [Industrial](#), [Paper Processing](#)

### TECHNICAL DATA

|   |                       |                         |
|---|-----------------------|-------------------------|
| BELT THICKNESS:   | 1.2 mm                | 0.050"                  |
| PULLEY DIAMETER (MIN.):                                     | 40 mm                 | 1.6"                    |
| PULLEY DIAMETER (MIN.)<br>BACK FLEXING:                     | mm                    | "                       |
| BELT WEIGHT:  | 1.3 kg/m <sup>2</sup> | 0.27 lb/ft <sup>2</sup> |
| PRODUCTION WIDTH:   | 1200 mm               | 47"                     |
| BREAKING STRENGTH:  |                       |                         |
| TENSION FOR 1%<br>ELONGATION:                               | 7 N/mm                | 40 lbs/in               |
| MAX. ADMISSIBLE BELT<br>TENSION (EQUAL TO<br>1.8% STRETCH): |                       |                         |
| OPERATING<br>TEMPERATURE:                                   | -20° to 100° C        | -4° to 212° F           |

### BELT CONSTRUCTION

|                        |        |
|------------------------|--------|
| TOP MATERIAL COVER:    | NBR    |
| SURFACE FINISH:        | Matte  |
| PROPERTY:              |        |
| COLOR:                 | Green  |
| BOTTOM COVER MATERIAL: | NBR    |
|                        | Smooth |
| COLOR:                 | Black  |

### BELT FABRIC

|                       |                                 |
|-----------------------|---------------------------------|
| TOP PLY:              | POLYAMIDE (PA)                  |
| INNER PLIES:          |                                 |
| BOTTOM PLY:           | POLYURETHANE CROSS-LINKED (PUR) |
| TOTAL NO. OF<br>PLIES | 2                               |

### BELT CHARACTERISTICS

|                               | YES | NO |
|-------------------------------|-----|----|
| Permanently Anti-Static       | ✓   |    |
| Nosebar Suitable              |     | ✗  |
| Powerturn Suitable            |     | ✗  |
| Slider Bed Suitable           | ✓   |    |
| Troughed Application Suitable |     | ✗  |
| FDA / USDA Approved           |     | ✗  |
| Low Noise                     |     | ✗  |
| Flame Retardant               |     | ✗  |
| Suitable for Metal Detector   |     | ✗  |
| Abrasion Resistant            |     | ✗  |