Data cartridge technology—IBM-certified for reliability

IBM-Certified Travan™ Format Data Cartridge Family

**IBM-certified quality**
IBM Travan™-format data cartridges are precision-manufactured to tight specifications, assuring consistent high quality and reliability. Each cartridge comes with IBM’s lifetime limited warranty.

**Storage technology leadership**
All IBM media products reflect the high standards of a leader in media and storage-drive technology. As a Total Storage Solution Provider, IBM developed many of the storage technologies used today—and we continue to set media standards.

**The IBM value proposition**
IBM quality, support and performance certification combine to make IBM a media value leader in Travan-format storage products. Call 1-888-IBM-MEDIA or visit http://www.ibm.com/storage/media for more information.

- Advanced mirror optics ensure beginning of tape (BOT) and end of tape (EOT) recognition
- Advanced media-binder process delivers a smooth operation
- Stringent wheel-pin perpendicularity specification for smooth operation and fewer re-reads

...Media Value from IBM
### IBM Tape Travan IBM Part Number Form Capacity Recording Density Coercivity Compatibility Factor (Uncompressed) (ft/m) (FTPI/FTPMM) (oersteds)

<table>
<thead>
<tr>
<th>IBM Tape</th>
<th>Travan</th>
<th>IBM Part Number</th>
<th>Form Factor</th>
<th>Capacity (Uncompressed)</th>
<th>Tape Length (ft/m)</th>
<th>Recording Density (FTPI/FTPMM)</th>
<th>Coercivity (oersteds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travan NS20</td>
<td>Travan 600</td>
<td>59H4364</td>
<td>3.5*</td>
<td>10GB</td>
<td>740/226</td>
<td>79,800/3,142*</td>
<td>550</td>
</tr>
<tr>
<td>Travan 40</td>
<td>Travan 600</td>
<td>19P4882</td>
<td>3.5*</td>
<td>20GB</td>
<td>750/228.7</td>
<td>96,000/3,780*</td>
<td>1,650</td>
</tr>
<tr>
<td>Travan Clean Cartridge</td>
<td>19P4881</td>
<td>3.5*</td>
<td>(up to 30 cleanings)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Requirements**

<table>
<thead>
<tr>
<th>Operating conditions †</th>
<th>41–113°F (5–45°C); 20–80% RH**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage conditions</td>
<td>23–113°F (-5–45°C); 20–80% RH**</td>
</tr>
</tbody>
</table>

* Values are drive and data dependent.  
** Maximum wet bulb temperature 79°F (26°C)  
† Base plate (operating temperature).

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**Linear recording** technology represents a more efficient cartridge and drive design that reduces tape stress, ensures data integrity and increases drive and cartridge reliability.

- Proprietary belt design provides steady tension  
- Special stippled base plate design provides exceptional rigidity and a stable tape path  
- Cartridge cover shields against static discharge and airborne debris  
- Durastat™ on drive rollers dissipates static  
- Trouble-free access door design  
- Multi-step media cleaning during manufacturing for exceptional reliability

**Quality data storage products from IBM**  
IBM offers a complete line of quality data storage products to support applications ranging from PC desktops to enterprise-wide mainframe libraries. Some of the available products are:

- 3570 Magstar MP tape cartridges  
- 3590E, 3590, 3490E and 3480 tape cartridges  
- M/O optical discs and DVD-RAM Discs  
- 4mm, 8mm and VXA data cartridges  
- 1/4" (QIC) MLR/SLR data cartridges  
- DLTtape™ IV and Super DLT data cartridges  
- Cleaning cartridges in all popular formats

**To obtain more information**  
To order or get more information on any IBM data storage products call 1-888-IBM-MEDIA toll free in the U.S. and Canada  
For locations outside the U.S. and Canada, you can obtain more information at www.ibm.com/storage/media

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