

Environmental Requirements for the most usual Data Cartridges

(Umweltbedingungen für die am meisten gebräuchlichen Datenträger)

Stand: Januar 2008

Features	Recording Capacity nat/compr.	Cartridge Dimensions (mm) W/H/D	Weight (g)	Operating Conditions		Storage Conditions	
				°C	%rH	°C	%rH
S-AIT (Advanced Intelligent Tape)	500 GB/1.3 TB	105.4x102.0x21.5	260 (with case)	10-45	20-80	16-32	20-60
LTO (Linear Tape Open)	100GB/200 GB	102.0x105.4x21.5	ca. 250	10-45	10-80	16-32	20-80
Super DLT	110 GB/320 GB	105.8x105.5x21.5	290 (with case)	10-45	10-80	16-32	20-80
DLT IV	20 GB/80 GB	105.8x105.4x25	290 (with case)	10-40	20-80	16-32	20-80
8 mm-Tape D8	2.5 GB - 7.0 GB	95.0x62.5x15.0	80 (with case)	5-45	20-80	5-32	20-60
DDS (Digital Data Storage)	1.3 GB - 20 GB	73.0x54.0x10.5	44 (with case)	15-55	10-80	5-32	20-60
5.25" MO (Archival Life >= 50 years)	594 MB - 9.165 GB	135.0x153.0x11	165	5-65	3-85	-10-55	3-90
DVD/DVD RW	4.7 GB	120.9x1,2	18	X	X	-5-55	5-95
IBM 3570 Magstar	7 GB - 21 GB	193.9x78.3x139.6	254	10-40	8-80	4.4-40	5-80
IBM 3590 Magstar	10 GB - 120 GB	125x109x24.5	250	15-32	20-80	4-32	5-80
IBM 3490 Magstar	2.4 GB compr.	127x110x25	223	15-32	20-80	4-32	5-80
IBM 3480 Cartridge	2.4 GB compr.	127x110x25	223	15-32	20-80	4-32	5-80
CD/CD RW	700 MB	120x1.2	18	X	X	-5-55	5-95

Quelle: Sony Europe IT Storage Solutions + IBM Corporation, USA