




**DTF data cartridge: 1/2inch tape width, high capacity, and fast data transfer**



The DTF digital data cartridge is the international ISO/IEC 15731 standard format for use in 1/2-inch DTF (Digital Tape Format) drives.

### **Trusted metal tape technology**

Metal tape technology first earned its reputation for superior reliability at broadcast stations around the world. This technology has been applied to DTF to provide unparalleled speed and capacity.

### **DTF2: Vast capacity, astounding transfer rate**

Sony's GW2-200GL cartridge has a native capacity of 200GB, while the GW2-60GS holds 60GB. Transfer rate attains an ultra-high 24MB/s using a Sony GY-8240 drive. With ALDC (adaptive lossless data compression), average capacity is 518GB or more.

### **The best choice for long-term data storage**

The GW tape utilizes Sony's unique HDA (High Density Alloy) magnetic particles. Combined with an extremely fine and uniform surface protective layer, HDA enhances the DTF's archival characteristics.

### **Ultra-fine metal magnetic particles**

High-density packing of ultra-fine magnetic particles and a special calendaring (compression and heat-added) treatment are brought together to produce a remarkably smooth surface, resulting in tapes with high output and a low error rate.

### **High durability even with repeated use**

A high-performance lubricant protects the tape's surface, controls the friction index and maintains optimum tape-to-head contact. The strength of the magnetic layer is also enhanced through cross-linkage to the binder. New production technology permits minimal tape shrinkage, reduces tape deformation over time, and allows for long term, precise stable tracking. Even with repeated use, the error rate remains low.

MODEL NAME	GW-240S	GW-730L	GW2-60GS	GW2-200GL
<b>GENERAL CHARACTERISTICS</b>				
Magnetic Material	Metal			
Recording Capacity	12GB	42GB	60GB	200GB
<b>MAGNETIC CHARACTERISTICS</b>				
Residual Magnetic Flux Density (mT)	260		370	
Coercive Force (kA/m)	125		185	
Breaking Tensile Strength (N)	24		46	
Yield Strength (N)	40		18	
Electric Resistivity (/sq) Magnetic Coating	5x10 <sup>10</sup>		6x10 <sup>10</sup>	
Electric Resistivity (/sq) Back Coating	5x10 <sup>4</sup>		5x10 <sup>7</sup>	
<b>PHYSICAL CHARACTERISTICS</b>				
Tape Thickness (µm)	14.0		10.8	
Tape Length (m)	241.0	732.0	290.0	890.0
<b>ENVIRONMENTAL REQUIREMENTS</b>				
Operation Conditions (°F(°C);%RH)	4-131 (5-45);20-80**			
Storage Conditions (°F(°C);%RH)	41-90 (5-32);20-60**			
Transportation Conditions (°F(°C);%RH)	-40-113 (-40-45);5-80**			
<b>DIMENSIONS</b>				
External Dimensions (mm)	156x96x25	254x145x25	156x96x25	254x145x25
Weight (g)	308	780	308	753

\* Values are drive dependent.

\*\* Maximum wet bulb temperature: 26°C(79°F) at no condensation.