Media Sheet

FalconMedia™
Data Storage Solutions for Professionals

Dec-2011

Archival Platinum DVD-R

Archival Platinum DVD-R uses an innovative Platinum-Silver alloy that guarantees similar corrosion resistance as Gold-based archival media, but at much lower cost. The corrosion resistance of DVDs with Platinum alloy has been tested by exposure to salt water (standard Saline test used for optical discs). This Saline test solution completely corrodes Ag in a few hours, whereas the new Platinum-alloy resists for a few weeks before it starts to corrode. This corrosion resistance makes Century Platinum DVDs inherently robust against small pinholes or other defects in the DVD bonding resins. These initial defects can be small enough to pass 100% scanner inspection during in-line manufacturing but can cause degradation of the reflector and subsequently the archived data during long-time storage if pure Ag is used for the reflector.

Accelerated lifetime tests executed under high humidity and high temperature conditions confirm the excellent archival lifetime of Archival Platinum DVD-R discs. Archival Platinum DVD-R guarantees safe archival storage for over 100 years. The use of high-reflective Platinum-alloy and standard premium recording dye's ensures the best possible drive compatibility during recording and playback.
Archival Platinum DVD-R media are available with Ultra Hard Coat UHC™, the best option to protect the content against disc handling and thus extend the lifetime. UHC™ guarantees 100 times more scratch protection when compared to conventional DVDs.

Speed	Capacity	Recording Time
1-8x	4.7GB	120min

PLATINUM™

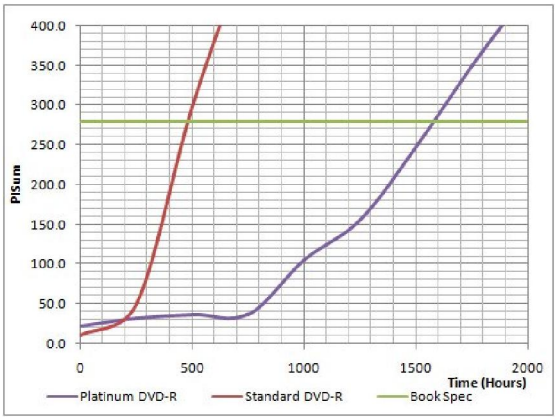
100 years SAFE ARCHIVE DVD-R

ULTRA HARD COAT SCRATCH RESISTANT™
100X More Resistant

- **Professional Grade**
- **Premium OEM Japanese materials & technology**
- **Licensed Japanese media code**
- **Excellent compatibility as conventional media**
- **Inherently robust and resistant to corrosion**
- **High performance with low error rates**

Specification	Ver 2.1
Recording speed	1-8x
Storage capacity	4.7GB
Recording time	120min Video SP mode
Layer	Single
Recoding type	Write-Once
Recording layer	Organic Dye
Media Code	8x : TTG02
Reflective layer/mask	Platinum-alloy Std : 38 – 118mm
Hard coat	Ultra HC

Aging Test: Archival Platinum DVD-R VS. Std DVD-R at 80C / 80% RH



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