

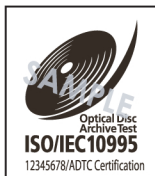
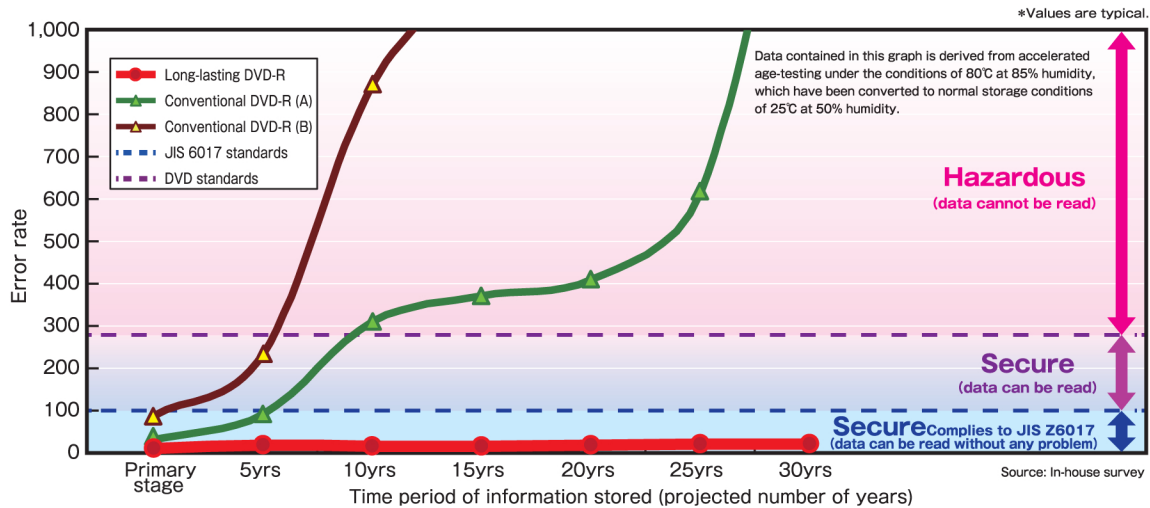
JVC



Extend Storage Time and Secure Data with Discs Made in Japan.

Proven to last more than thirty years based on age-test methodology specified by ISO/IEC 10995*1.

Foreseeable life of recorded DVD-R discs



ADTC Mark*2

*1: ISO 10995 is the international standard (currently set to test DVD±R/RW/RAM discs), which was established in April 2008 as the specified test method for estimating the archival lifetime of optical media.

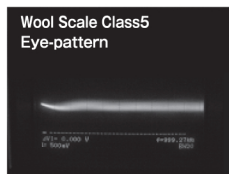
*2: ADTC is an abbreviation for Archive Disc Test Center, an NPO entity. This organization assesses the foreseeable life of optical media using ISO 10995-specified archival lifetime estimation test methodology. Only products passing the 30-year+ expected life test are certified to bear the ADTC mark.



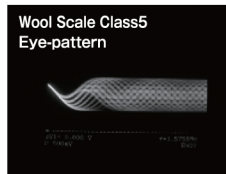
Technologies that support long-term storage

1 Adoption of a dedicated pigment with outstanding light-resistance characteristics

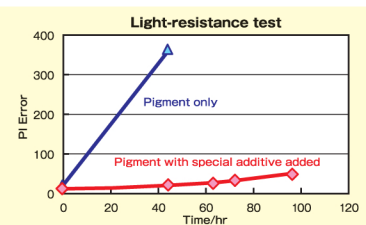
Light resistance has been improved by adding a special additive to conventional pigments, helping to eliminate data loss.



Pigment only



Pigment with special additive added



Morphology change of Ag/Ag alloy surface by heat treatment (250°C)

Reflective Layer	Before treatment	After treatment	
Ag	rough structure	Growth rough & Large structure	Large particles increase corrosion.
Ag Alloy	Dense & fine structure	Keep Dense & fine structure	Finer particles are more stable and enhance corrosion resistance

2 Silver alloy is employed on the reflective layer to protect data for a long time

Data can be stored longer in a more stable condition compared to conventional media thanks to the adoption of silver alloy on the reflection layer.

3 Strict maintenance of manufacturing, sorting, and sampling standards on a dedicated production line

Meticulous low error-rate management is performed from the initial (default) value.



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2 Dedicated recorder made by TEAC



1 Long-term storage media

3 Dedicated inspection device made by TEAC

- 1 Optical disc optimized for long-term storage.
- 2 Recorder that maintains a low error-rate of recording signal default characteristics.
- 3 Inspection device that precisely measures error rates.



Long-term data storage on discs is realized

Current Industry Users

Public documents Archiving data from libraries as well as medical and pharmaceutical companies, etc.



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