Does cold preserve film?
Moving film between temperatures

We must find a better retrieval system. Dogma can't smell in the cold.
Building the store
What is temperature?
What is temperature?
The maximum thermal energy of molecules increases disproportionately with temperature.
The Sebera diagram of environmental influence on reaction rate
The influence on reaction rate of relative humidity
The influence of temperature on the stiffness of film
The influence of relative humidity on the stiffness of film
The influence of temperature and RH on the stiffness of mineral/polymer mixes
Moving from cold to warm and back
The traditional way

The picnic cool bag
Maximum permitted temperature difference
Condensation is a threat both ways
How to build a cold store
A dehumidified store with heat and (a little) humidity buffering.
Structure of a cold store prepared for low energy climate control
A characteristic of all absorbent materials is that the sorption is almost unaffected by temperature.
Using solar heating to dehumidify
Air pollution is a major problem in unventilated stores.
Unfired perforated brick as a combined heat and humidity buffer, modified to absorb pollutants.
This is a long way from modern building practice but the times they are a changing
Tim Padfield, in collaboration with the museum climate research group of the National Museum of Denmark

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