

# CPI Polymer Products

## Storage and Shelf Life

### Polymer Wear & Valve Products:

CPI wear & valve products should have a shelf of 3 years provided appropriate storage and handling instructions are followed. Factors such as moisture, heat, light and oxygen exposure can lead to the degradation of these “plastic” parts, reducing their physical properties and eventually rendering the parts unusable.

CPI recommends these parts be sealed and stored in the original CPI supplied packaging. Parts should be stored in a climate controlled environment with a relative humidity level below 70%. Storage temperature should be between +5°C (+41°F) and 30°C (+86°F) and variations in temperature should be avoided. Parts should be stored out of direct sunlight and away from other UV sources.

### Wear products note:

Wear products that must be transferred to new packaging, shelf life may be extended by the use of vacuum packaging and/ or desiccant packs.

### Valve products note:

Valve products contain polymer materials that may absorb moisture. Swelling due to moisture absorption may adversely affect product performance.

### General:

CPI recommends that all products that have not been stored as recommended above, or that have been stored for extended periods of time (greater than 2 years) be visually inspected for signs of degradation prior to installation. Possible defects may include, but are not limited to: discoloration, oxidation, warpage and swelling.

In all cases CPI does not recommend the use of product that has been stored for 5 years or more.

CPI, part of the Howden group, should be consulted for the proper design and application of its specialized products and materials. For further advice and technical support please contact CPI directly.



Note: The values above are for reference only and are not intended for specification or quality control purposes.

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