

Quick Cure[®] 360

Quick Cure 360 is a mechanical mixture of nitrate and nitrite salts formulated for a specific range of operating temperatures. Quick Cure 360 costs a little less than Quick Cure 275 but is not a eutectic mixture and does not have a sharp melting point.

Features & Benefits

High purity	Consistent melting point Lower consumption
Low melting point	Reduced energy cost
Packaging flexibility	Multiple handling options
Free flowing powder	Safer addition

Physical Data

Melting point	360°F
Weight	122 lb /ft ³
Operating range	380°F - 1100°F

Typical Applications

- Drawing or tempering hardened steels
- Heat treatment of beryllium alloys
- Bluing steels (600°F – 700°F)

DO NOT use for martempering as Quick Cure 360 is not as fluid as Quick Cure 275 and will not quench the parts fast enough for a martempering operation.

Operating Conditions

It is not usually necessary to control the Quick Cure 360 salt bath chemically as the bath is chemically stable and it is necessary only to replace the drag out with new Quick Cure 360

When the salt bath is used for tempering steels or heat-treating beryllium alloys, replenishment of drag out is all that is necessary.

Do not allow sodium cyanide or carburizing salts to be introduced into the molten Quick Cure 360 salt bath as a violent reaction would occur or an explosion. Also, do not get any organic materials into the salt bath.

Equipment



Product Bulletin

Product Name: Quick Cure 360

Product Code: 2281000

Revision Date: July 8, 2025

Standard salt bath pot furnaces are available which are heated either electrically, or by gas or oil. Cast, pressed steel, welded steel or ceramic pots can be used. Ceramic pots are used only with immersion electric heaters.

WARRANTY: HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.