

# PBC

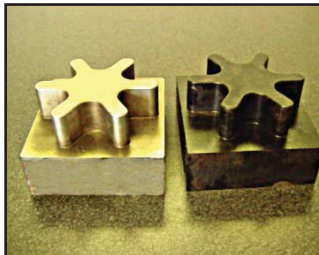
## scale preventing compound

Scale, pitting, loss of carbon, and color changes are the unwanted results of heat processing steels. Manufacturers incur the costs of cleaning, re-machining, and buffing heat processed steels. PBC scale preventing compound can eliminate the unwanted scale and pitting as well as help control the discoloration associated with heating steel parts. PBC is designed for steels treated at temperatures up to 1650°F.

Eliminate the time and cost associated with scale and pitting by using our ThermaRose brand PBC scale preventing compound. Use the basic information below to get you started. Remember, this information will vary based on your specific conditions.

### How To Use **PBC**

- Pre-heat your steel dies, tools, or parts to about 450°F (varies per application), ensuring that all sections are thoroughly soaked to proper temperature.
- Apply a thin but complete coating of PBC compound to the pre-heated parts. Apply by hand, sifter, or automated equipment. Return to heat-treating operation.
- Remove from heat & quench in water, oil, or air cool. PBC is water soluble & is easily removed with water when hot, or at room temperature with water and/or slight brushing.
- Properly treated parts will be free of scale and pitting and retain much of the original surface color and condition. Carbon content is also preserved.



AVAILABLE ONLINE

[www.RoseMill.com](http://www.RoseMill.com)



Other  
**ThermaRose**  
Products:

*Cherry Red*

instant hardening compound

- case harden steel parts in minutes
- no special heat-treating equipment required
- fast, effective results

**WILCARBO**

pack hardening compound

- provides deep case penetration
- superior hardness results
- effective on most stainless steels

 **ThermaRose**  
heat treating compounds

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