

TecTalis™ Pretreatment Technology

As the world's first nanoceramic conversion coating process for metals, Henkel's Bonderite® pretreatment technology is proving to be far superior in terms of quality, ecology and economics. It provides an innovative surface composition on clean metal substrates, while eliminating the problems associated with the conventional zinc-phosphate pretreatments.

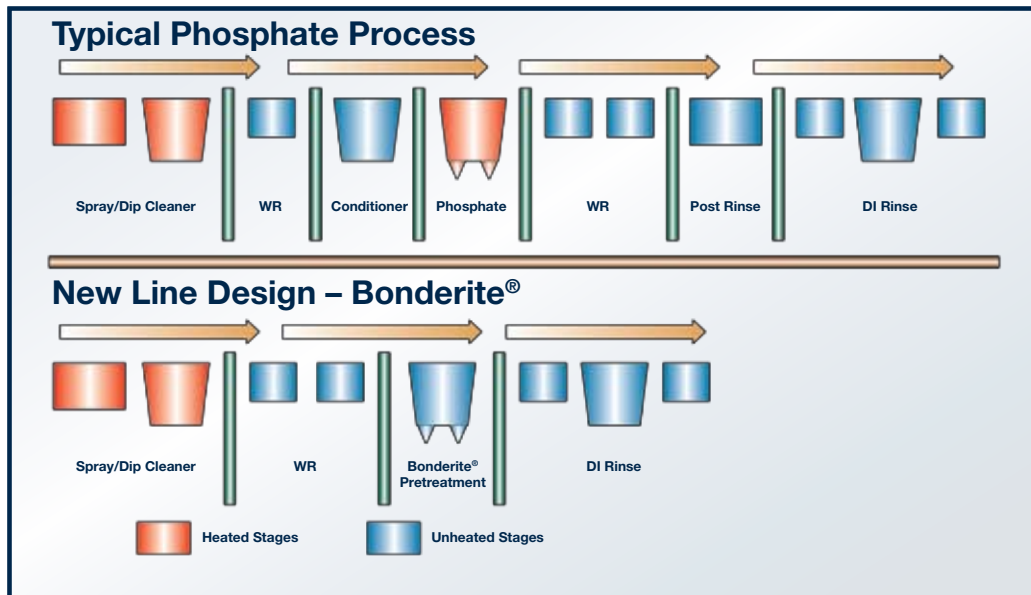


Product Benefits:

- Operates at ambient temperatures
- Phosphate-free with no BODs or CODs
- Contains no regulated heavy metals
- Reduces operating costs



TecTalis™ Pretreatment Technology



Fewer Steps
3 Stages Eliminated

Less Bottleneck
~30% Length Reduction

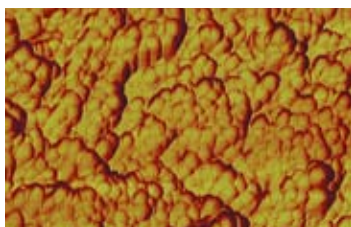
Less Energy
~30% Energy Reduction
~20% Water Savings

Less Maintenance

The green, easy, fast and efficient alternative to zinc phosphating



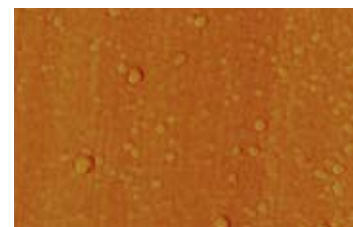
Bonderite® Nanoparticles



Iron Phosphate



Bare Cold-Rolled Steel



www.henkelna.com/automotive



Henkel Corporation
32100 Stephenson Highway, Madison Heights, MI 48071 • 866-332-7024