

# Graphic Printing Roller



## *Introducing the TRUST UV Roller*

The newest UV roller technology is now available in North America



The TRUST UV ROLLER

- UPGRADE YOUR PRINT QUALITY
- INCREASE ROLLER LIFE
- DECREASE DOWNTIME

Originally developed by Techno Roll in Japan, the TRUST roller has become a staple of UV Printers across Asia, and for the first time is available in the United States. UV and UV/Coldset hybrid production have been commonplace in the printing industry in Japan for many years, and printers have discovered the difference TRUST rollers make in achieving the highest quality UV printing.

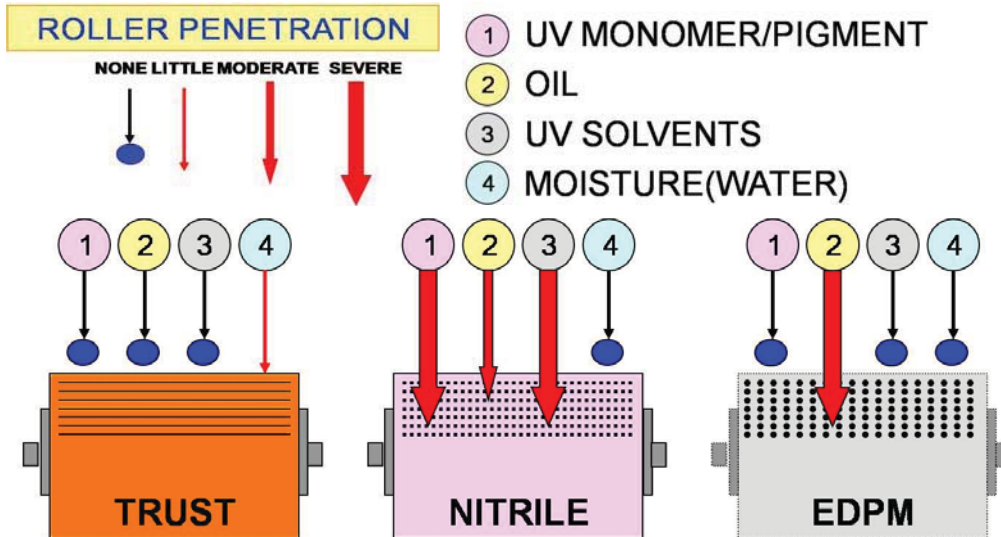
After being selected to manufacture the roller in 2007, Graphic Roller has tested the exclusive TRUST compound in against a myriad of chemistry, inks, varnishes, primers, and solvents used by North American printers. Countless examinations in the harshest environments have continued to prove that the TRUST compound material is the most reliable roller available.

Whether you are printing strictly UV curable inks, or move back and forth from UV to conventional, the TRUST roller will eliminate the headaches currently associated with rollers. The unique chemical makeup of the TRUST roller does not allow ink permeation associated with EPDM or Nitrile based roller compounds. Run after run, the TRUST roller will continue to demonstrate excellent dimensional stability and chemical resistance, while still maintaining excellent ink transfer.

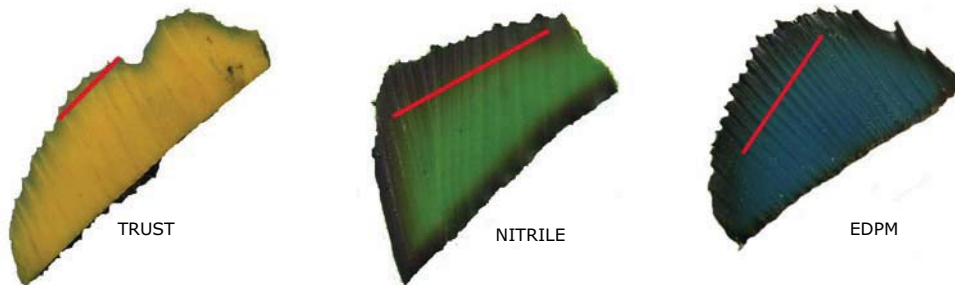
Some benefits of the TRUST roller include:

1. **IMPROVED INK TRANSFER-** The TRUST roller will enable you to print to a higher standard by eliminating roller surface tackiness, and resistance to chemical intrusion.
2. **EXCELLENT STABILITY-** Due to the unique nature of the TRUST compound, these rollers remain extremely stable both dimensionally, as well as in hardness. Over the life of the roller this means less time spent roller resetting.
3. **SHORTER WASHUP TIMES-** Because of the unique surface profile, less solvent and less time is required to wash up, particularly important if you are switching from conventional to UV.
4. **LESS INK GLAZING-** TRUST rollers resist ink permeation and provide a clean knapped surface necessary for proper ink transfer
5. **EXCELLENT DOT REPRODUCTION-** UV ink monomer does not penetrate into the surface of the TRUST compound resulting in improved ink lay-down that assures improved dot reproduction with less gain than normally associated with UV printing.

# Chemical Effect on UV Roller Types



**ROLLER CROSS-SECTIONS: CHEMICAL PENETRATION**



Available exclusively in the western United States from  
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