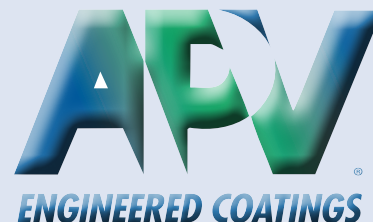


PRODUCT DATA SHEET



Water-Based Dot Markers

Inspection Marking Ink

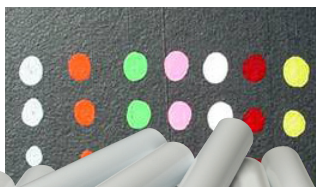
T-series

Water-Based Dot Markers are typically used in tire manufacturing to denote high point, conicity, and pass/fail on a tire after it has been cured during production. The marks help to assure synchronization of the tires during the rim assembly process and when mounting the tire.

Dot Markers can be applied by hand or installed in a balancing/uniformity machine. The product is offered in three different sized diameters: 5-8mm. (small), 10-13mm. (standard), and 18-23mm. (extra large). The average number of dots produced by each marker (with normal use) is approximately 5000 dots ($\pm 10\%$).

Color and Size Availability:

- T-0290 UV readable - standard
- T-1608 White - standard/ small
- T-2587 Red - standard/ small/ XL
- T-2734 Pink - standard/ small
- T-2733 Light Brown - standard/ small
- T-3594 Orange - standard/ small
- T-4233 Yellow - XL
- T-4595 Yellow - standard/ small
- T-5736 Light Green - standard/ small
- T-5596 Green - standard/ small
- T-5865 Green - XL
- T-6612 Blue - standard/ small/ XL
- T-6735 Light Blue - standard/ small
- T-7732 Lavender - standard/ small
- T-8737 Gray - standard/ small
- T-9916 Black - standard/ small



Features:

Water-Removable

Wide Variety of Colors

Pocket-Sized

Easy to Use

Allows Effective Control of Dot Size

Aids Synchronization & Process Verification

Low VOCs

Non-Flammable

Non-Hazardous

Industry Proven

APV Engineered Coatings
1390 Firestone Parkway Akron, Ohio 44301 USA
330.773.8911 sales@apvcoatings.com www.apvcoatings.com





PRODUCT DATA SHEET

Product Specifications

PRODUCT DESCRIPTION:

WATER-BASED DOT MARKERS

PRODUCT NUMBER: T-Series

PHYSICAL PROPERTIES:

COLOR: Various
TYPE: Water-Based
VISCOSITY (ASTM D 2196-86): 25 ± 1 seconds #2 Zahn
WEIGHT PER GALLON (ASTM D 1475-90): 8.81 - 12.5 lbs/gal
SPECIFIC GRAVITY (ASTM D 1475-90): 1.057 - 1.500
pH: 8.0 ± 10.0
FLASH POINT (ASTM D 3828-93): > 212 °F
SOLIDS: 24 - 48.4% by weight 11.8 - 36.8% by volume
THEORETICAL COVERAGE: 575 ft² / gal @ 1.0 mil (14.11 m² / L @ 25.4 μ)
VOC: WET: 0.01 - 1.84 lb/gal DRY: 0.05-3.68 lb/gal
COVERAGE: 332 sq. ft./gal @ 1.0 mil
RECOMMENDED FILM THICKNESS: WET: 2.7 mil DRY: 1.0 mil

APPLICATION:

METHOD: By Hand or Installed in Uniformity/Balance Machine
REDUCTION: None Required, Use as supplied
DRY TO TOUCH: 1-10 minutes dependant on air flow
CLEAN UP SOLVENT: Water
RECOMMENDED EQUIPMENT: N/A

SUBSTRATE:

TYPE: Cured Rubber Compound
PREPARATION: Clean, Dry surface, free from silicone

HANDLING & STORAGE:

SHELF LIFE: 12 months, unopened
FREEZE CAUTION: Keep from freezing
RECOMMENDED STORAGE: Cool, dry location

COMMENTS:

Shake well before using. Close container with cap after use. Contains no hazardous air pollutants. To refresh tips, place them in a small amount of water.

6/29/2011

NOTE: The information and data given herein are based upon tests and reports considered reliable and are believed to be accurate. However, due to varied application and handling methods, no guarantee of duplicate performance, expressed or implied, is made.