

TECHNICAL INFORMATION - TYPICAL ANALYSIS

PENETRANT

PRODUCT CANTESCO® DYE PENETRANT INSPECTION - VISIBLE DYE PENETRANT P301W-A – WATER WASHABLE

APPLICATION Red dye, water washable penetrant indicates surface flaws against white developer powder background. No chlorinated solvents, meets requirements of ASME section V halogen and chloride content requirements. It is recommended that both ambient and substrate temperatures are between 40°F (4°C) and 125°F (52°C) for dye penetrant inspection.

COMPOSITION Petroleum hydrocarbon solvent based red dye penetrant that includes an emulsifier for water wash-ability. Results below are typical analysis for P301W-A:

TEST	RESULTS	METHOD
Sulphur	≤0.1% by weight	ASTM D-129 / D-516 (B)
Fluoride	≤0.1% by weight	ASTM D-808 / D-1179 (B)
Chloride	≤0.1% by weight	ASTM D-808 / D-512 (B)
Total Halogen	≤0.1% by weight	ASME T-641

PACKAGING Ready to use format available in aerosol cans.

ITEM	BAR CODE	SIZE	QUANTITY PER BOX
P301W-A	699913-10025	16 oz aerosol can	12 cans per box

SHELF LIFE Shelf life for this product is five years from date of manufacture. Lot number is in human readable form (YYYYMM#####), with the last four digits being the batch number within a given month.

SDS An SDS is available for this product upon request. To receive a copy e-mail us at msds@cantesco.com and request an SDS for P301W-A AEROSOL.

Q&A For answers on how to use CANTESCO® DYE PENETRANT INSPECTION materials ask for a copy of our DYE PENETRANTS INSTRUCTIONS FOR USE booklet. For a complete product listing request a copy of our WELDING PRODUCTS CATALOG. For further information visit us at www.cantesco.com. To receive a copy of ASTM test methods for halogen and chloride content (sulphur, fluoride, and chloride) contact the ASTM www.astm.org

CERTIFICATIONS Kemper System is an ISO 9001:2015 and ISO 14001:2015 registered company.

CANTESCO®
welding chemical products



FORM:
P301W-TECH.ENG

REV: 10/23

PLEASE NOTE: Product use and conditions of use are beyond the control of KEMPER SYSTEM AMERICA, INC. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretations of test results are the responsibility of the end-user. No other warranties, expressed or implied, are made. For further details on our terms and conditions request a copy of our form QSF 319 New Account Package.

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