

SETON B-442 TAMPER EVIDENT DURAGUARD® PROPERTY IDENTIFICATION TAGS

TDS No. B-442
Effective Date: 08/06/2001

Description:

Seton B-442 Tamper Evident Duraguard® property identification tags consist of a metalized film surface printed legend with protective tamper resistant laminate for indoor and outdoor use.

Details:

Use:

Seton B-442 is used for identification on computers, office equipment, desks, chairs, tables, file cabinets, tools, fire extinguishers, machinery, and electrical appliances.

Substrate Type:

Metalized film with a plastic overlamine.

Standard Material:

Red, green, black, light blue, dark blue, and burgundy.

Standard Legend Colors:

Silver & Black

Thickness (PSTC-33):

Total: 0.0051 in. (0.13mm)

Adhesive Properties:

Adhesion to Steel (PSTC-1)
15 Minute Dwell (Avg.) -- Destroyed
Ultimate Dwell (72 Hrs.)(Avg.) -- Destroyed

Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):

CS-17 Wheels, 500 g wts.
Legend withstands up to 1900 cycles.

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% HCl	F	NE	NE
10% HCl	NE	NE	NE
50% HaOH	F	NE	NE
10% NaOH	F	NE	NE
Methyl Ethyl Ketone	F	F	F
Acetone	F	F	F
1,1,1 Trichloroethane	F	F	NE
Methanol	F	NE	NE
IPA (Isopropanol)	F	F	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	F	F	F
Mineral Spirits	NE	NE	NE
Glacial Acetic Acid	F	F	NE
5% Acetic Acid	NE	NE	NE
Diesel Fuel	NE	NE	NE
Heptane	F	F	NE

Turpentine	F	NE	NE
Kerosene	F	NE	NE
Water	NE	NE	NE
Gasoline	F	NE	NE

NE = No Effect

NT = Not Tested

F = Failed (affected sample)

7 Day Immersion: Immersed in reagent for 7 days.

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

Rub Test: Rubbed for 1 minute with swab soaked in reagent.

Expected Gloss:

90 Gardner Units Minimum (60° gloss)

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 293°F (-40°C to 145°C)

Average Outdoor Durability:

3-5 years (Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material color.)

Shelf Life:

One year when stored at 70°F (21°C) and 40% to 50% R.H.

Trademarks:

Alconox® is a registered trademark of Alconox Co.

Duraguard® is a registered trademark of Tricor Direct, Inc.

ANSI: American National Standards Institute (U.S.A.)

ASTM: American Society for Testing and Materials (U.S.A.)

Fed. Spec.: United States Federal Specification (U.S.A.)

PSTC: Pressure Sensitive Tape Council (U.S.A.)

SAE: Society of Automotive Engineers (U.S.A.)

Note: All values shown are averages and should not be used for specification purposes.

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