



Extremely Heavy Duty Labels

High Temperature • Waterproof • Abrasion Resistant • UV Stable • Durable Product ID • Harsh Environment

Technical Data Sheet

Part: #WFS- OS-0001

General Description

Extremely Heavy Duty Label

- Attractive look
- Water, UV and abrasion resistant
- High temperature label
- Available in all colors

This label is as tough and attractive like a nameplate but without the cost. It combines a Hi Strength, high- performance adhesive with a heavy polyester laminate that makes it suitable for applications requiring superior abrasion resistance and/ or peel resistance on metal, plastic or painted surfaces.

The thick laminate protects against impact, peeling and tearing. Also available in silver polyester for a bright metallic look available in mirror chrome, brushed, or matte finish. Parts of the label can be pre- printed with constant or variable information.

High Temperature Label

This label can survive from a low of -40°F & up to 302° F, which makes it ideal for harsh outdoor environments and industrial applications.

Waterproof Label

The thick polyester laminate gives this label a very high water resistance at a low cost.

Applications

Product Marking, Container Tagging, Asset Marking & Tracking, Harsh Environments, Outdoor Use, Manufacturing, Oil, Gas, Water Pipelines



Material Description

Available in white polyester or silver polyester with mirror chrome, brushed or matte finish for metallic look.

Polyester Base Material with Heavy Duty Polyester Laminate

Overall Thickness	.007 inch – .010 inch
Expected Outdoor Life	7-10 years (with yellowing)
Service Temperature range	-40° F to 302° F
Minimum Application Temperature	50° F
Available Colors	All available
Water Resistance	Excellent
Oil Resistance	Very Good
Solvents Resistance	Excellent
UV Resistance	Excellent
Abrasion Resistance	Excellent

Adhesive

This high-performance, permanent acrylic adhesive works well on metals, paints, plastics and even slightly oily surfaces.

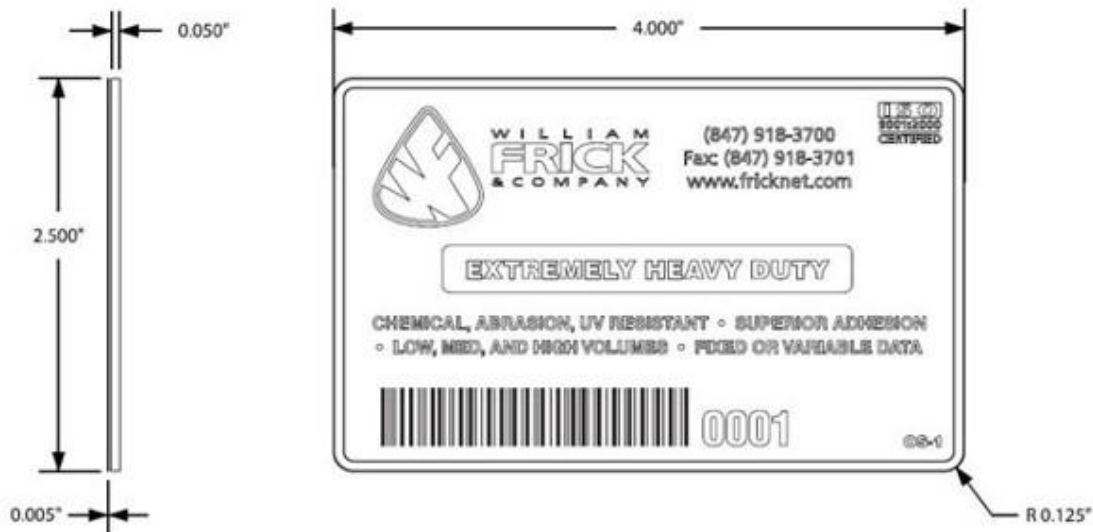
High Strength Adhesive

Type	Permanent Acrylic
Thickness	1.8 mil
Adhesion to Steel at 24 hr. dwell	Excellent
Adhesion to Glass at 24 hr. dwell	Excellent
Adhesion to LSE plastics	Very Good
Adhesion to HSE plastics	Excellent

Shelf life

Stored at 70F and 50% Relative Humidity

2 years



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED

TOLERANCES

3 PLACE DECIMAL + OR-.005"
2 PLACE DECIMAL + OR-.02"
1 PLACE DECIMAL + OR-.1"

MAX SURFACE ROUGHNESS
ALL MACHINED SURFACES
EXCEPT AS NOTIFIED

BREAK SHARP EDGES AND CORNERS
.010" MAX

Contact No.

William Frick & Co.

www.fricknet.com

DWG.

Engr.

Chk.

Aprvd.

Size.

DWG No.

WFS- OS-0001

Rev.

Extremely Heavy Duty Labels

Test product for system compatibility as individual application conditions can impact results. William Frick Co. does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/ or user. The purchaser and/ or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.



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