

The background features a light gray top and bottom section. A large, dark red geometric shape, resembling a stylized 'C' or a series of overlapping triangles, dominates the center. The word 'carco' is written in white lowercase letters within a red trapezoidal area at the top left. The main title 'Industrial Marking Systems & Marking Fluids' is in white bold text on the dark red background. A short white horizontal line is below the title. A paragraph of text is below that. At the bottom left, there is a small globe icon and the website address. A thin red horizontal line is at the bottom right.

carco

Industrial Marking Systems & Marking Fluids

Our products are created with the most careful attention to ensure functional design, innovation, quality, and top performance to meet our customer's needs.

About Carco

Carco Incorporated is a U.S. based manufacturer of Industrial Marking Systems and Fluids used in a variety of processes across the production landscape. All Carco marking fluids are manufactured to order, following industry leading standards to ensure top of the line quality and consistency. Carco manufactures over 200+ different types of marking fluids designed to meet differing client needs.

About Marking Fluids

Customer specifications, quality requirements, lean manufacturing processes, at Carco we get it. We understand the numerous reasons marking fluids become part of the production cycle. However, not every application is created equally. Some require rapid dry times, others require durability. Carco manufactures over 200+ different formulations of fluid that can meet your marking requirements. All Carco marking fluids can be removed with their corresponding Solvent or Extender.



✓ Dye Type Marking Fluids

Dye Type marking fluids are best used on clear or shiny substrates. Dye Type fluids are translucent, you can see them, but not feel them as they contain no pigments. The lack of pigments make them easier to maintain in Carco marking systems. Dye Type Fluids are great for marking Steel, Copper, Paper, and other porous, light-colored material. Carco manufactures a variety of dye type marking fluid color options.

Dye Type (TRANSPARENT) Marking Fluids



1000-I SERIES

A fast dry non-settling dye type marking fluid with excellent oil penetration and adhesion on all porous and non-porous surfaces. Generally used in Carco "jet shot" and spray system applications. Also used with the Carco ES-712-A Spring Marker.

Dry time on part is anywhere from 25 seconds to 1 minute depending on the application.

1044 SERIES

A super fast drying non-settling acetone based dye type marking fluid primarily used in non-contact marking systems. Often used in combination with eddy current, NDT and Ultrasonic equipment when one wishes to visibly identify defects on very fast moving webs, tubing or parts.

Dry time on part +/- 10 seconds.

1000-G SERIES

A medium slow dry non-settling dye type marking fluid. The 1000-G is a marking fluid with good stamping characteristics and open pad life. Dry time on part about 5-9 minutes

1000-N SERIES

A medium fast dry non-settling dye type marking fluid. The 1000-N has excellent oil penetration and adhesion on a variety of porous and non-porous surfaces and is often used in Carco "jet shot" and spray system applications. Also used with the Carco ES-712-A Spring Marker.

Dry time on part about 2-3 minutes

1000-HF SERIES

A high flash, slow dry non-settling dye type marking fluid primarily use where flammability and safety are primary considerations. The 1000-HF series is used with all Carco Spring/Contact marking systems. **Dry time on part being marked about 15+ minutes**

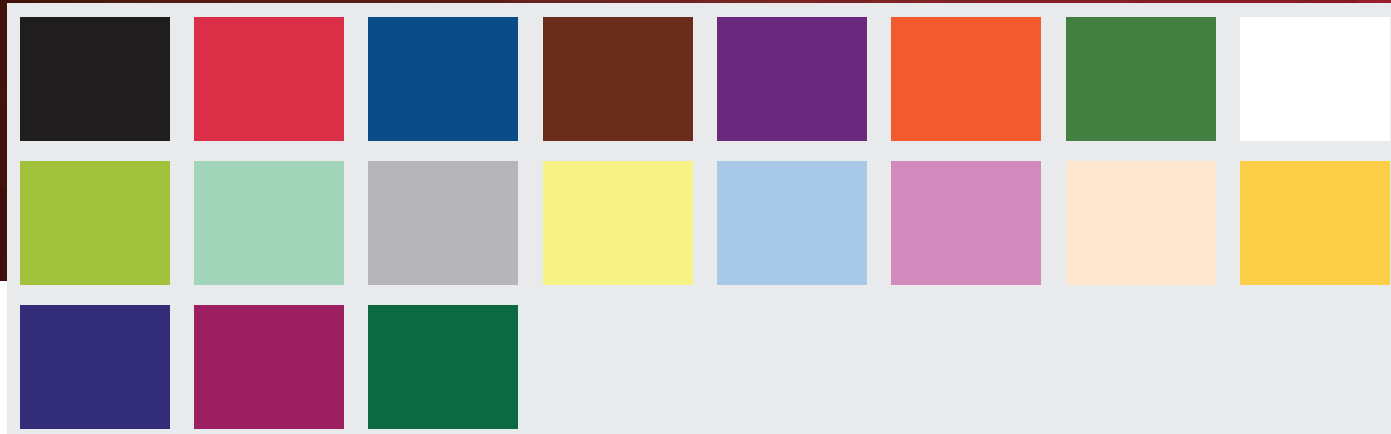
1000-I FLUORESCENT SERIES

A fast dry solvent based "invisible" marking fluid activated by 366 nm ultraviolet light. Other versions of the 1000-I Series are available in a variety of dry times Fluorescent enhanced dye type (visible) inks are also available in a limited number of additional colors. The marking fluid is designed for automatic luminescent or U.V activated applications.

Pigmented Marking Fluids

Carco Pigmented Marking Fluids are excellent for marking Dark Substrates and both Porous and non-porous material. Pigmented marking fluids provide a more vibrant mark great for visual indicators and contrast sensors. Carco pigmented marking fluids perform best when they are shaken or mixed before use. Pigmented marking fluids are great for marking Rubber, Dark Plastics, and Cast-Iron metals amongst many more. Carco manufactures an array of colors and formulations that can solve any marking application's needs.

Pigmented Colors



MM-150 SERIES

A fast dry pigmented marking fluid with fair alkaline wash resistance and excellent oil penetration and adhesion on all porous and non-porous surfaces. The high oil penetration power of the marking fluid is useful where oil and/or coolants are prevalent. Generally used in Carco "jet shot" and spray system applications. Also used with the Carco ES-712-A Spring Marker. Dry time on is anywhere from 25 seconds to 1 minute depending on the application and material being marked upon.

XX-1346 SERIES

A super fast drying acetone based pigmented marking fluid primarily used in non-contact marking systems. Used for marking dark or black substrates and primarily used in combination with eddy current, NDT and Ultrasonic equipment when one wishes to visibly identify defects on very fast moving webs, tubing or parts. . Dry time on part +/- 10 seconds.

F-123 SERIES

A medium fast dry, heavily pigmented marking fluid. Recommend for open pad / hand stamping. Also used with the Carco ES-712-A Spring Marker. Dry time on part about 2-3 minutes

F-224 SERIES

A high flash, slow dry pigmented marking fluid, often used where flammability and safety are primary considerations. The F-224 series is used with all Carco Spring/Contact marking systems. Dry time on part being marked about 15+ minutes

SG-1260 SERIES

The SG-1260 is medium fast dry heavily pigmented marking fluid formulated for caustic chemical resistance; including alkaline, acid and phosphate baths. Used in a variety of Carco marking equipment.

SG-1290 SERIES

The SG-1290 is slow dry heavily pigmented marking fluid formulated for caustic chemical resistance; including alkaline, acid and phosphate baths. The SG-1290 series is primarily used with Carco Spring/Contact marking systems.

Water Based Marking Fluids

Carco's Water Based marking fluids are available in both Dye Type and Pigmented Versions. Majority of Carco's Water Based Fluids are non-hazardous and non-flammable. These are ideal for highly regulated, safety driven environments. All Carco Water Based marking fluids can be washed-off with water making them perfect for applications which require a temporary mark or removal before final assembly. Water Based marking fluids are excellent in applications where Dry-Time is not critical and visibility and safety is the priority.

WS-800 SERIES

A flammable solvent/water based dye-type water wash-off marking fluid. The WS-800 exhibits a faster dry time and penetrates light oil films normally encountered on strip steel and "body-in-white" automotive body panels.

WS-910 SERIES

Non-flammable, non hazardous pigmented water based marking fluid designed to be easily removed from dark or black substrates. The WS-910 is a slow dry marking fluid. Dry time often depends on surface and temperature of part being marked.



WS-860 SERIES

A non-flammable, non hazardous, non-settling dye type water based marking fluid used on non-porous substrates where the mark need to be easily removed with water

WFL-860 FLUORESCENT SERIES

Water based "invisible" marking fluid activated by 366 nm ultraviolet light. Fluorescent enhanced dye type (visible) inks are also available in a limited number of colors. The marking fluid is designed for automatic luminescent or U.V activated applications.

WFL-910 FLUORESCENT SERIES

Water based marking fluid activated by 366 nm ultraviolet light. Fluorescent enhanced pigmented (visible) inks are available in a limited number of colors. The marking fluid is designed for automatic luminescent or U.V activated applications.

WS-835 SERIES

A non-flammable, non-hazardous dye type water removable marking fluid that never dries. Excellent for reject marking where open pad or open felt tip marker may sit idle for many hours before required marking. Often used in Carco Spring/Contact marker applications.

WS-935 SERIES

A non-flammable, non-hazardous pigmented water removable marking fluid that never dries. Excellent for reject marking where open pad or open felt tip marker may sit idle for many hours before required marking. Often used in Carco Spring/Contact marker applications



Marking Fluid Series	Dye Type	Pigmented	Water Based	Acetone Based	Solvent Based	Wash Resistant	Water Wash-Off	Dry Time (+/-)	Recommended Application
1000-I	X				X			30-60 Seconds	Non-Contact
1044	X			X				10 Seconds	Non-Contact
1000-N	X				X			2-3 Minutes	Non-Contact
1000-HF	X				X			15 Minutes	Contact
1000-I Fluorescent	X				X			30-60 Seconds	Non-Contact
F-123		X			X			2-3 Minutes	Contact
F-224		X			X			15 Minutes	Contact
MM-140		X			X	X		30-60 Seconds	Non-Contact
MM-150		X			X	X		30-60 Seconds	Non-Contact
SG-1260		X			X	X		2-3 Minutes	Non-Contact
SG-1290		X			X	X		15 Minutes	Contact
XX-1346		X		X				10 Seconds	Non-Contact
WS-800	X		X		X	X	X	20-30 Minutes	Non-Contact
WS-860	X		X				X	1-2 Hours	Non-Contact
WFL-860 Fluorescent			X				X	1-2 Hours	Non-Contact
WS-910		X	X				X	1-2 Hours	Non-Contact
WS-835	X		X				X	Never	Contact
WS-935		X	X				X	Never	Contact

Not seeing what you need? Contact our team with your requirements and ask about our Special Ink Formulations.



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Carco, Inc.

📍 P.O. Box 13859, 10333 Shoemaker
Detroit, MI 48213

☎ 313.925.9000

Fax: 313.925.9602

✉ sales@carcousa.net



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