



ALL~CRAFT WELLMAN

X-RAY MARKERS

THE CLEAR CHOICE

A L L ~ C R A F T W E L L M A N

All-Craft Wellman manufactures x-ray markers that clearly, easily, and permanently identify your radiographs. This catalog is designed to help you quickly find what you are looking for among our large variety of high-quality x-ray markers. We will work with you and your x-ray dealer to insure that your order is filled quickly and to your exact specifications. Thank you for your interest in our products.

TO ORDER

1 Specify our catalog number and item description.

2 Indicate the quantity and wording for each marker.

3 The colors shown in this catalog are the standard colors. Custom colors are available for Mark-Clear or Embedded Markers. Indicate the custom colors by the following abbreviations at the end of the catalog numbers:

-BL (Blue)	-G (Green)	-R (Red)
-BK (Black)	-NC (No Color)	-Y (Yellow)

4 If you want a marker with a copper or aluminum filter applied, indicate this at the end of our catalog number with a "-C" or an "-A". If you prefer a vertically formatted marker, put a "-V" at the end of our catalog number.

5 Orders can be sent via facsimile to (440) 946-9648, by telephone at (440) 946-9646, or via e-mail at info@x-ray-markers.com.

A



C



E



B



D



F



LEAD LETTERS

A | Unmounted Lead Letters

Unmounted lead letters are the most economical means of positive x-ray identification. You can tape these letters to the x-ray cassette or table. Our letters do not have the interior voids found in some die-cast lead letters. We manufacture these letters in a number of sizes and styles. See page 20 for details.

B | Mounted Lead Letters

These are a more convenient method of x-ray identification. We will custom mount individual letters or complete words on clear, white or black vinyl plastic, aluminum or copper. Mounted letters are easier to handle than loose letters, and can be ordered to fit a variety of aluminum channel markers. See page 21 for more information.

POLYCARBONATE MARKERS

C | We now use durable red and green polycarbonate plastic to make our Round and Square, Left and Right Markers and some of our Mammography Markers. We adhere a solid lead "L" or "R" into the face of the markers and custom engrave initials, numbers, or mammography views into the surface. We then fill the engraved cavities with a radiopaque epoxy. See pages 6 and 9.

MARK-CLEAR MARKERS

D | The Mark-Clear Marker (pages 8, 9, and 15) is our highest quality marker. We enclose solid lead letters between a laminated acrylic plastic and a durable vinyl or aluminum backing. You will find these markers easy to read due to their colorful matte finish, bright white (lead) letters, and consistent computer-engraved lettering. These details combine to make a really professional-looking marker. We use the same process to manufacture our Mark-Fast and Mark-Well Mammography Markers (pages 4-5).

ENCLOSED MARKERS

E | Enclosed markers have been a widely used for many years because of the large number of available sizes. To insure durability, we enclose the lead letters between folded aluminum and a clear plastic covers. See page 16 for more information.

EMBEDDED MARKERS

F | The lead letters in the Embedded Marker are totally encased in a crystal clear embedment plastic. We color the backgrounds of these markers to facilitate quick differentiation between views or departments. These markers are available with either an aluminum or a tough polycarbonate backing. These are available as standard Right and Left Markers, Custom Markers, or as Standard Sets. Please view the product index on the back cover for embedded marker locations.

Please note that products on this page are not to scale and are used for illustrative purposes only.

Mark-Fast Markers

You can use this set to make any standard positioning views indicated in the ACR technologist's manual.

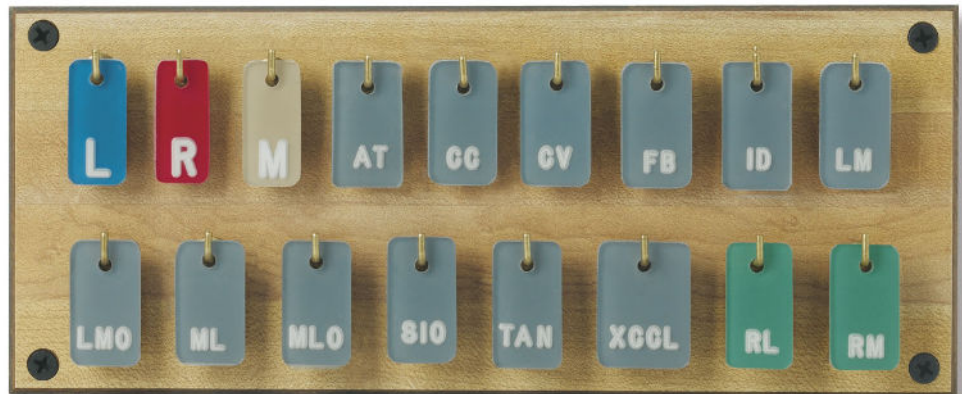
BOTH STYLES

- All legends are specified by the American College of Radiology.
- Solid lead letters embedded in laminated acrylic which is color-coded to aid in proper sequential placement.
(Colors: R-Red, L-Blue, M-Tan, RM/RL-Celadon Green, Other Legends-Gray)
- White letters and matte faces enhance readability.
- Available with plastic (standard) or aluminum backing.
- Custom legends available.



Most storage boards come with pre-drilled holes and mounting screws for easy installation.

HANGING HOLE STYLE



Size of Storage Board: 4 1/4" x 10 1/4" (or 5 1/4" x 10 1/4" with nameplate), Size of Markers: 1 1/32" high.

- This set is designed for those who prefer to hold markers with adhesive tape.
- Legends can be placed closer together using this style.
- This set comes with a high quality Maple/Formica™ L-hook storage board. An optional nameplate is also available.

CAT. NO.	DESCRIPTION
MMF517	Complete set of markers with hook board
MMF617	Markers with hook holes without board
MMB002	Storage hook board only
MMF501	Single replacement marker with ACR legend
MIF501	Initial Marker (1-3 characters)
MMB004	Optional nameplate for hook board

SUCTION CUP STYLE



Size of Storage Board: 4" x 10". Size of Markers: 1 1/32" high with 3/4" diameter suction cups.

- Replaceable suction cups eliminate sticky tape or hard-to-clean Velcro™.
- Markers adhere firmly to the compression paddle, yet can be easily removed.
- Available with a smooth acrylic storage board.
- Replacement suction cups, individual markers, and technologist initial markers are available.

CAT. NO.	DESCRIPTION
MMF117	Complete set of suction cup markers with storage board
MMF017	Set of suction cup markers without storage board
MMF201	Single replacement suction cup marker
MMB001	Storage board for suction cup markers
MSC017	17 replacement suction cups
MSC001	Single replacement suction cup
MIF011	Initial marker (1-3 characters)

Formica is a registered trademark of Bollock Industries, Inc.
Velcro is a registered trademark of Velcro USA, Inc.

Mark-Well Markers

- ACR specified legends.
- Available with hanging holes or replaceable suction cups.
- Solid lead letters are enclosed in red or blue acrylic plastic and are colored white for greater visibility.

- These markers are an ideal choice when you require only a few legends, or want the convenience of pre-configured legends.
- Available with plastic (standard) or aluminum backing.**



Size: 5/8" high x 2" long x 3/16" thick.



Size: 5/8" high x 2" long x 3/16" thick.



CAT. NO.	DESCRIPTION (WITH SUCTION CUP)
MMW104	Standard set of 4 suction cup markers at left
MMW211	Single suction-cup marker (per Standard ACR Views below)*
MMW311	Single suction-cup marker with unlisted legends
MMB001	Storage board for suction cup markers. See page 19.
MSC001	Single replacement suction cup

*STANDARD ACR VIEWS					
L AT	R AT	L ID	R ID	L MLO	R MLO
L CC	R CC	L LM	R LM	L SIO	R SIO
L CV	R CV	L LMO	R LMO	L TAN	R TAN
L FB	R FB	L ML	R ML	L XCCL	R XCCL



Size: 5/8" high x 1 1/8" long x 3/16" thick.



Size: 5/8" high x 1 1/8" long x 3/16" thick.



CAT. NO.	DESCRIPTION (WITH HANGING HOLE)
MMW004	Standard set of 4 markers with hanging hole and legends at left
MMW201	Single marker with hanging hole (per Standard ACR Views above)*
MMW301	Single markers with hanging hole and other unlisted legends
MMB003	Storage hook board for Mark-Well Markers (up to 20 hooks). See page 19.
NFH020	Optional nameplate for hook board

NOTE: M (Magnification) can be added as a prefix or RL or RM as a suffix to these markers. For example, RMmlo or Lccrl. Please order as an "other unlisted legend".

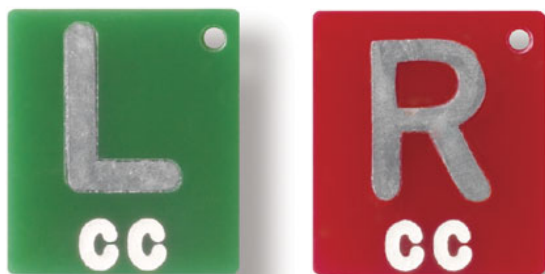
Extra Long Mark-Well Markers

CAT. NO.	DESCRIPTION
MML004	Set of four standard views
MML001	Single markers with ACR views
MSC101	Large replacement suction cups

**Add "-A" to the end of catalog number for aluminum-backed markers.



Size: 3/4" high x 3" wide x 1/8" thick.



Size: 1 1/16" wide x 1 3/16" high x 1/16" thick.



Abbreviated Conventional Mammography Markers

- ACR specified legends.
- Tough, red and green polycarbonate.
- Large 3/4" high solid lead R & L.
- Radiopaque 3/16" high lettering for views.
- Also available with aluminum backing at additional cost (add "-A" to end of catalog number).*

CAT. NO.	DESCRIPTION
MAC104	Standard view shown at left
MAC201	Single marker with other ACR views*
MAC301	Single marker with other legends

*STANDARD ACR VIEWS					
L AT	R AT	L ID	R ID	L MLO	R MLO
L CC	R CC	L LM	R LM	L SIO	R SIO
L CV	R CV	L LMO	R LMO	L TAN	R TAN
L FB	R FB	L ML	R ML	L XCCL	R XCCL

Abbreviated Space Saver



Size: 3/8" x 1 1/2" x 1/16" thick.



Size: 3/8" x 1 1/2" x 1/16" thick.

- Can be used when space is limited.
- Economical.

CAT. NO.	DESCRIPTION
MAS104	Standard view at left
MAS201	Single marker with other ACR views*
MAS301	Single marker with other legends

NOTE: We can still supply the old style mammography markers with non-ACR views. These markers spell out the complete view. For example, L-CC would be L-Craniocaudal. Please contact us for pictures and pricing on the old style Conventional or Space Saver Mammo Markers.

Combined View/Initial Markers

The Combined View/Initial Markers combine ACR-approved legends with initials in one marker. The initials are separated from the legends to avoid confusion. These markers are available in the following configurations:

CAT. NO.	DESCRIPTION
MMW411	Combined View/Initial Mammo Marker with Suction Cup (Mark-Well Style)
MSS422	Combined View/Initial Mammo Marker (Space-Saver Style) - Small
MSS421	Combined View/Initial Mammo Marker (Space-Saver Style) - Large
MMW401	Combined View/Initial Mammo Marker with Hole (Mark-Well Style)



MMW411 - Size: 2 7/8" x 5/8" x 9/64" thick.



MSS422 - Size: 2 3/8" x 3/8" x 1/8" thick.



MSS421 - Size: 2 3/8" x 3/4" x 1/8" thick.



MMW401 - Size: 2 5/8" x 5/8" x 9/64" thick.

All initial markers meet ACR requirements for technologist identification on each mammogram.

Mark-Well Initial Markers



MIW001 - Size: 1⁵/₁₆" x 5⁵/₁₆" x 9⁹/₁₆".



MIW004 - Size: 2³/₁₆" x 5⁵/₁₆" x 9⁹/₁₆".

CAT. NO.	DESCRIPTION
MIW001	With hanging hole, 1-3 characters
MIW004	With hanging hole, 4-8 characters
MIW011	With suction cup, 1-3 characters
MIW014	With suction cup, 4-8 characters



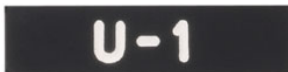
MIW011 - Size: 2¹/₄" x 5⁵/₁₆" x 9⁹/₁₆".



MIW014 - Size: 3¹/₄" x 5⁵/₁₆" x 9⁹/₁₆".

Number Markers

SPACE-SAVER STYLE



MNS001 - Size: 3³/₁₆" x 1¹/₂".

MARK-WELL STYLE



MNW001 - Size: 5⁵/₁₆" x 1¹/₂".

- Number Markers meet ACR recommendation for dedicated unit number (radiopaque).
- We will also create custom markers that indicate such factors as mAs, kV, compression force, compressed breast thickness, degree of obliquity, etc.

Mark-Fast Initial Markers

CAT. NO.	DESCRIPTION
MIF011	With suction cup, 1-3 characters (bright green)
MIF501	With hanging hole, 1-3 characters (bright green)
MSC001	Replacement suction cup



MIF011



MIF501

Size: 3³/₄" x 1¹/₃₂" x 9⁹/₁₆".

Space-Saver Initial Markers



MIS001 - Size: 3³/₁₆" x 1¹/₂" x 1¹/₁₆".



MIS004 - Size: 3³/₁₆" x 1³/₄" x 1¹/₁₆".

- Can be backed with aluminum at additional cost (add "-A" to end of catalog number).

CAT. NO.	DESCRIPTION
MIS001	1-3 characters
MIS004	4-8 characters

Degree Markers

The degree marker set contains the following:

5°, 15°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 90°.



Size: 1" x 5⁵/₁₆".

CAT. NO.	DESCRIPTION
MMW501-3	Single Degree Marker
MMW521-3	Set of 10 markers

Mark-Clear Left and Right Markers

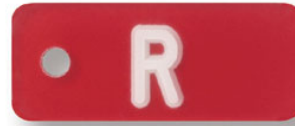
- These are our highest-quality markers.
- Bright white letters and a contrasting matte color background make the legends easy to read.
- The solid, thick letters make these legends very legible on x-ray film.
- The precision computer-generated placement of each letter makes these markers look more professional.

These markers are backed with vinyl plastic. If you desire aluminum or copper filters, just add "-A" or "-C" to the end of our catalog number. Add "-V" if you desire vertical formatting of the letters.

* We apply Marker Foot™ Tape to the back of these markers. This tape allows the marker to be adhered repeatedly to different locations on the x-ray table or film cassette. Replacement tape is available (Cat. No. LAMF001).



FCL001 - Size: 1 5/16" x 5/8" x 9/64".



FCR001 - Size: 1 5/16" x 5/8" x 9/64".

FCL002-V
Size: 9/16" x 1 1/2" x 9/64".FCR002-V
Size: 9/16" x 1 1/2" x 9/64".

FCL004 - Size: 1 5/16" x 5/8" x 9/64".



FCL011 - Size: 2 1/8" x 5/8" x 9/64".



FCR004 - Size: 1 5/16" x 5/8" x 9/64".



FCR011 - Size: 2 1/8" x 5/8" x 9/64".



FCL014 - Size: 2 5/8" x 5/8" x 9/64".



FCR014 - Size: 2 5/8" x 5/8" x 9/64".

NOTE: Substitute "P" for "L" or "R" when ordering pairs. For example, "FCP004" is a set of L and R markers with a hole and three initials.

LEGENDS	WITH HOLE	WITH MARKER FOOT™ TAPE	WITHOUT HOLE OR TAPE
L	FCL001	FCL101	FCL201
R	FCR001	FCR101	FCR201
L and R	FCP001	FCP101	FCP201
LEFT	FCL011	FCL111	FCL211
RIGHT	FCR011	FCR111	FCR211
LEFT and RIGHT	FCP011	FCP111	FCP211
L with one digit	FCL002	FCL102	FCL202
R with one digit	FCR002	FCR102	FCR202
L with two digits	FCL003	FCL103	FCL203
R with two digits	FCR003	FCR103	FCR203
L with three digits	FCL004	FCL104	FCL204
R with three digits	FCR004	FCR104	FCR204
LEFT with one digit	FCL012	FCL112	FCL212
RIGHT with one digit	FCR012	FCR112	FCR212
LEFT with two digits	FCL013	FCL113	FCL213
RIGHT with two digits	FCR013	FCR113	FCR213
LEFT with three digits	FCL014	FCL114	FCL214
RIGHT with three digits	FCR014	FCR114	FCR214

Mark-Clear Left and Right Duo Markers

- Mark-Clear Markers with twin legends.
- The yellow legends have copper filters embedded beneath them to allow technicians to make different x-ray exposures without relocating markers.

LEGENDS	WITH HOLE	MARKER FOOT™ TAPE	WITHOUT HOLE OR TAPE
L	DML001	DML101	DML201
R	DMR001	DMR101	DMR201
L with one digit	DML002	DML102	DML202
R with one digit	DMR002	DMR102	DMR202
L with two digits	DML003	DML103	DML203
R with two digits	DMR003	DMR103	DMR203
L with three digits	DML004	DML104	DML204
R with three digits	DMR004	DMR104	DMR204



DML003 - Size: 2" x 5/8" x 9/64".



DMR003 - Size: 2" x 5/8" x 9/64".



DML004 - Size: 2" x 1" x 9/64".



DMR004 - Size: 2" x 1" x 9/64".



ASL003 - Size: 1 3/16" x 1 3/32" x 1/8".

ASR003 - Size: 1 3/16" x 1 3/32" x 1/8".

ARR002
Size: 1 3/32" Diameter x 1/8".ARR002
Size: 1 3/32" Diameter x 1/8".

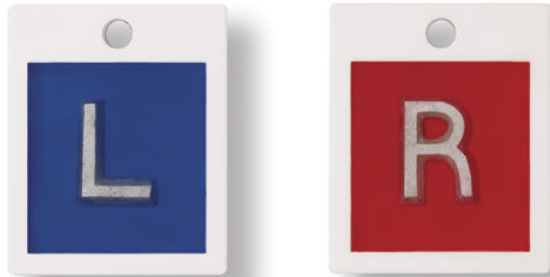
Polycarbonate Left and Right Markers

- Use these markers to conveniently indicate Left and Right views.
- Order mixed sets (one round/one square) to quickly identify correct marker by feel.
- Identify technologists, departments, etc. with custom engraved letters or numbers.
- Markers are also available with "D" and "G" to indicate "Right" and "Left" in French.
- Manufactured in polycarbonate plastic which is virtually unbreakable and resistant to alcohol which may be used to sterilize the marker.

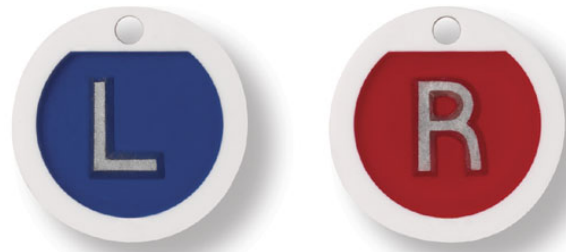
MARKER TYPE	LEFT	RIGHT	PAIR
Square Marker	ASL001	ASR001	ASP001
Square Marker with one or two initials	ASL002	ASR002	ASP002
Square Marker with three initials	ASL003	ASR003	ASP003
Round Marker	ARL001	ARR001	ARP001
Round Marker with one or two initials	ARL002	ARR002	ARP002
Round Marker with three initials	ARL003	ARR003	ARP003

Embedded Left and Right Markers (Molded Plastic)

- Standard colors are shown. Other colors are available.
- Letters are embedded in a crystal-clear epoxy.



EPL001 - Left, EPR001 - Right, EPP001 - Pair. Size: 1 1/8" x 1 3/8" x 1/8".



EPL101 - Left, EPR101 - Right, EPP101 - Pair. Size: 1 1/4" Diameter x 1/8".



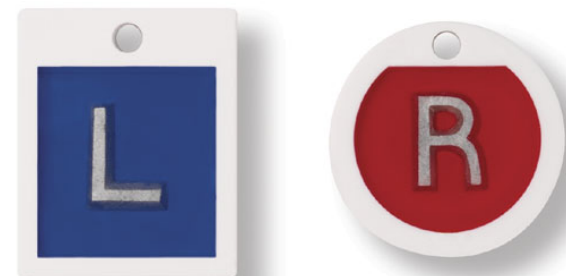
EPL003 - Left, EPR003 - Right, EPP003 - Pair. Size: 7/8" x 1 5/8" x 1/8".



EPL103 - Left, EPR103 - Right, EPP103 - Pair. Size: 1 1/4" Diameter x 1/8".



EPL006 - Left, EPR006 - Right, EPP006 - Pair. Size: 1 5/8" x 7/8" x 1/8".



EPM001 - Mixed Pair, EPM003 - Mixed Pair with 1-3 Initials.

*The EPL003, EPR003, and EPP003 are available without color at a lower cost. Just add "-WH" to the end of these catalog numbers.



EPL021 - Left, EPR021 - Right, EPP021 - Pair. Size: 2 1/2" x 7/8" x 1/8".



EPL032 - Left, EPR032 - Right, EPP032 - Pair with 1-3 Initials. Size: 2 1/2" x 7/8" x 1/8".



EPL011 - Left, EPR011 - Right, EPP011 - Pair. Size: 1 1/4" x 2" x 1/8".

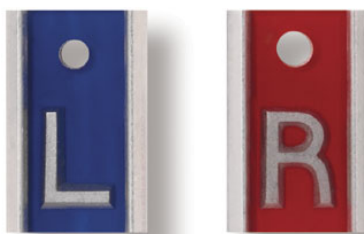
EPL013 - Left, EPR013 - Right, EPP013 - Pair with 1-3 Initials. Size: 1 1/4" x 2" x 1/8".



EPL016 - Left, EPR016 - Right, EPP016 - Pair with 1-3 Initials. Size: 2" x 1 1/4" x 1/8".

Embedded Left and Right Markers (Aluminum)

- Standard colors are shown. Other colors are available.
- Letters are embedded in a crystal-clear epoxy.
- The background of durable aluminum adds density and improves the image.



EAL001 (Left), EAR001 (Right), EAP001 (Pair),
Size: $\frac{3}{4}$ " x $1\frac{1}{8}$ " x $\frac{7}{64}$ ".



EAL011 (Left), EAR011 (Right), EAP011 (Pair)
Size: $\frac{3}{4}$ " x $1\frac{1}{8}$ " x $\frac{7}{64}$ ".



EAL003 1-3 Initials (Left), EAR003 1-3 Initials (Right),
EAP003 1-3 Initials (Pair), Size: $\frac{3}{4}$ " x $1\frac{1}{8}$ " x $\frac{7}{64}$ ".



EAL013 1-3 Initials (Left), EAR013 1-3 Initials (Right),
EAP013 1-3 Initials (Pair), Size: $\frac{3}{4}$ " x $1\frac{1}{8}$ " x $\frac{7}{64}$ ".



EAL021 (Left). Size: $1\frac{1}{8}$ " x $\frac{3}{4}$ " x $\frac{7}{64}$ ".



EAR021 (Right), Size: $2\frac{1}{8}$ " x $\frac{3}{4}$ " x $\frac{7}{64}$ ", EAP021 (Pair).



EAL041 (Left), EAR041 (Right), EAP041 (Pair),
EAL043 - 1-3 Initials (Left), EAR043 - 1-3 Initials (Right),
EAP043 - 1-3 Initials (Pair), EAA001 - Arrow Only,
Size: $2\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{7}{64}$ ".

EAL032 - 1-3 Initials (Left), EAR032 - 1-3 Initials (Right), EAP032 - 1-3 Initials (Pair), Size: $2\frac{1}{2}$ " x $\frac{3}{4}$ " x $\frac{7}{64}$ ".

Embedded Left and Right Duo Markers

All markers on this page contain a copper filter in one half of a double marker or in two markers of a four marker set. This allows the technician to mark the films at varying x-ray exposures or subject densities without changing the markers.

ALUMINUM

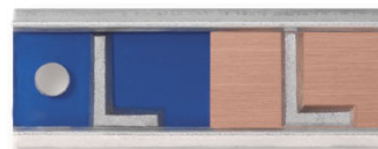
Sizes: All vertical - $\frac{3}{4}$ " x $1\frac{1}{2}$ " x $\frac{7}{64}$ ", All horizontal - 2" x $\frac{3}{4}$ " x $\frac{7}{64}$ ".



Copper Filtered/Unfiltered Left and Right Markers
EAC001 - Set of 4, Filtered and Unfiltered



Copper Filtered/Unfiltered Left and Right Markers
EAC003 - Set of 4, Filtered and Unfiltered, 1-3 Initials



Combination Copper Filter Left and Right Markers
EACL51 - Left Marker, Filtered and Unfiltered
EACR51 - Right Marker, Filtered and Unfiltered
EACP51 - Pair, Filtered and Unfiltered



Combination Copper Filter Left and Right Markers
EACL53 - Left Marker, Filtered and Unfiltered, 1-3 Initials
EACR53 - Right Marker, Filtered and Unfiltered, 1-3 Initials
EACP53 - Pair, Filtered and Unfiltered, 1-3 Initials



MOLDED PLASTIC

Sizes: All vertical - $\frac{7}{8}$ " x $1\frac{5}{8}$ " x $\frac{1}{8}$ ", All horizontal - 2 $\frac{1}{2}$ " x $\frac{7}{8}$ " x $\frac{1}{8}$ ".



Copper Filtered/Unfiltered Left and Right Markers
EPC001 - Set of 4, Filtered and Unfiltered



Copper Filtered/Unfiltered Left and Right Markers
EPC003 - Set of 4, Filtered and Unfiltered, 1-3 Initials



Combination Copper Filter Left and Right Markers
EPL51 - Left Marker, Filtered and Unfiltered
EPCR51 - Right Marker, Filtered and Unfiltered
EPCP51 - Pair, Filtered and Unfiltered



Combination Copper Filter Left and Right Markers
EPL53 - Left Marker, Filtered and Unfiltered, 1-3 Initials
EPCR53 - Right Marker, Filtered and Unfiltered, 1-3 Initials
EPCP53 - Pair, Filtered and Unfiltered, 1-3 Initials



Position Markers

Position Markers indicate laterality (Left or Right) and the inclination of the patient. Small lead balls inside these markers indicate whether the patient is horizontal or shows direction of inclination. You can purchase them with or without initials and with aluminum or molded plastic backing.



Plastic Position Indicator Markers without Initials
PPL01-V (Left), PPR01-V (Right), PPP01-V (Pair)
Size: $1\frac{1}{8}$ " x $1\frac{3}{8}$ " x $\frac{15}{64}$ ".



Plastic Position Indicator Markers with 1-3 Initials, Vertical
PPL03-V (Left), PPR03-V (Right), PPP03-V (Pair)
Size: $1\frac{1}{4}$ " x 2" x $\frac{15}{64}$ ".



Aluminum Position Indicator Markers without Initials, Vertical
PAL01-V (Left), PAR01-V (Right), PAP01-V (Pair)
Size: $\frac{3}{4}$ " x $2\frac{1}{4}$ " x $\frac{13}{64}$ ".



Plastic Position Indicator Markers with 1-3 Initials, Horizontal
PPL03-H (Left), PPR03-H (Right), PPP03-H (Pair)
Size: 2" x $1\frac{1}{4}$ " x $\frac{15}{64}$ ".



Aluminum Position Indicator Markers with 1-3 Initials, Vertical
PAL03-V (Left), PAR03-V (Right), PAP03-V (Pair)
Size: $\frac{3}{4}$ " x $2\frac{1}{4}$ " x $\frac{13}{64}$ ".



Aluminum Position Indicator Markers without Initials, Horizontal
PAL01-H (Left), PAR01-H (Right), PAP01-H (Pair)
Size: 2" x $\frac{3}{4}$ " x $\frac{13}{64}$ ".



Aluminum Position Indicator Markers with 1-3 Initials, Horizontal
PAL03-H (Left), PAR03-H (Right), PAP03-H (Pair)
Size: 2" x $\frac{3}{4}$ " x $\frac{13}{64}$ ".



1-2 Initials: $\frac{3}{8}$ " High, 3 Initials: $\frac{1}{4}$ " High.

All markers shown at actual size.

High kVp Markers

- This marker encases a white 1/4" thick lead letter in a thick acrylic plastic.
- These thicker markers are used when procedures require high kVp exposures.



Size: 1 1/4" x 2 1/4" x 9/32".



Size: 1 1/4" x 2 1/4" x 9/32".



Size: 1 1/2" x 2 1/4" x 9/32".

LEGENDS	CAT. NO.
L (3/4")	HKL001
R (3/4")	HKR001
L (3/4") with one digit (1/2")	HKL002
R (3/4") with one digit (1/2")	HKR002
L (3/4") with two digits (1/2")	HKL003
R (3/4") with two digits (1/2")	HKR003
L (3/4") with three digits (1/2")	HKL004

LEGENDS	CAT. NO.
R (3/4") with three digits (1/2")	HKR004
One Digit (1/2")	HKV501
Two Digits (1/2")	HKV502
Three Digits (1/2")	HKV503
One Digit (3/4")	HKV751
Two Digits (3/4")	HKV752
Three Digits (3/4")	HKV753



Size: 2 3/8" x 1" x 9/32".

Custom Mark-Clear Markers

The Mark-Clear Marker comes with custom wording. The bright white (lead) letters, matte colored acrylic, and computer-generated letters, make a beautiful, readable marker. Just specify words desired. This marker uses 1/4" high letters. Dark blue is the standard color, although other colors are available.



DIGITS	WIDTH AND HEIGHT	WITH HANGING HOLE	WITH MARKER FOOT™ TAPE	WITHOUT HOLE OR TAPE
1	7/8" x 5/8"	FMC001	FMC101	FMC201
2-3	1 1/4" x 5/8"	FMC003	FMC103	FMC203
4-5	1 3/4" x 5/8"	FMC005	FMC105	FMC205
6-7	2 1/4" x 5/8"	FMC007	FMC107	FMC207
8-10	2 1/2" x 5/8"	FMC010	FMC110	FMC210
11-12	2 3/4" x 5/8"	FMC012	FMC112	FMC212

Replacement Marker Foot™ Tape is available in rolls (Catalog Number LAMF001). One roll supplies enough tape for 100 markers.

Add "-C" or "-A" to the end of catalog numbers if you desire markers with copper or aluminum.

All markers shown at actual size.



Custom Embedded Markers

- Solid lead letters are embedded in a crystal clear plastic.
- The background rather than the embedding plastic is colored. This enhances contrast.
- Standard background color is red.
- The aluminum adds to image density while the snow-white polycarbonate plastic is exceptionally tough and highly visible.

ALUMINUM



$\frac{3}{8}$ " Marker, Size: $\frac{3}{4}$ " high x $\frac{1}{8}$ " thick.



$\frac{1}{2}$ " Marker, Size: $\frac{3}{4}$ " high x $\frac{1}{8}$ " thick.

MOLDED PLASTIC



$\frac{3}{8}$ " Marker, Size: $\frac{7}{8}$ " high x $\frac{1}{8}$ " thick.



$\frac{1}{2}$ " Marker, Size: $\frac{7}{8}$ " high x $\frac{1}{8}$ " thick.

DIGITS	CAT. NO. - $\frac{3}{8}$ "	CAT. NO. - $\frac{1}{2}$ "
1 Digit	EAW001	EAW011
2-3 Digits	EAW003	EAW013
4-5 Digits	EAW005	EAW015
6-7 Digits	EAW007	EAW017
8+ Digits	EAW008	EAW018

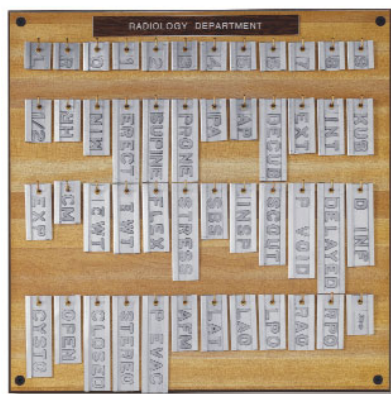
LETTER SIZE	CAT. NO. - $\frac{3}{8}$ "	CAT. NO. - $\frac{1}{2}$ "
1 Digit	EPW001	EPW011
2-3 Digits	EPW003	EPW013
4-5 Digits	EPW005	EPW015
6-7 Digits	EPW007	EPW017
8+ Digits	EPW008	EPW018

Custom Enclosed Markers



$\frac{1}{2}$ " marker at actual size.

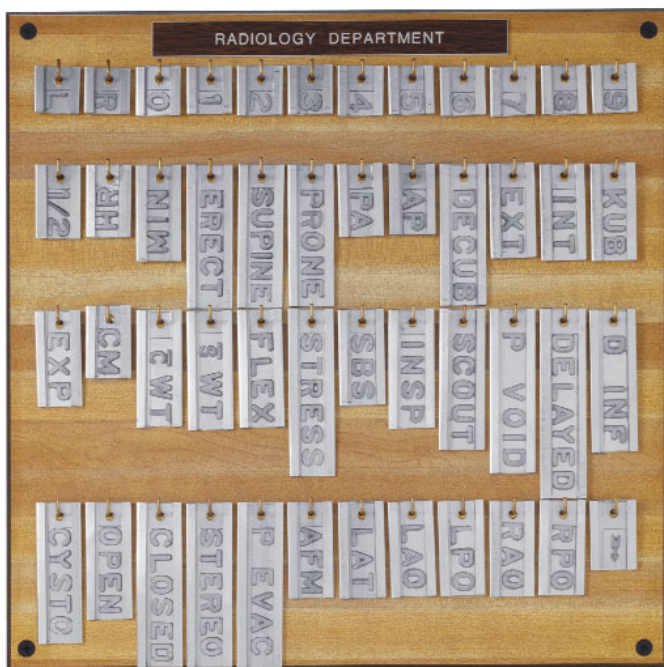
- The Enclosed Marker is made of durable aluminum with dense lead letters, permanently enclosed between the aluminum background and a tough, clear plastic covering.
- You can create your own custom wording in the following letter heights to fit your exact needs: $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", 1".
- Any combination of letter sizes may be used to differentiate data such as patient positions from technicians' initials.
- Flat Face style letters are standard. Optional copper filters are available in .006", .016", and .032" thickness.



Be sure to check for the option of purchasing the Enclosed Markers or other markers as standard sets.

HEIGHT OF LETTERS	1-5 CHARACTERS	6-10 CHARACTERS	11-15 CHARACTERS	16+ CHARACTERS
$\frac{1}{8}$ "	E12505	E12510	E12515	E12516
$\frac{3}{16}$ "	E18705	E18710	E18715	E18716
$\frac{1}{4}$ "	E25005	E25010	E25015	E25016
$\frac{3}{8}$ "	E37505	E37510	E37515	E37516
$\frac{1}{2}$ "	E50005	E50010	E50015	E50016
$\frac{5}{8}$ "	E62505	E62510	E62515	E62516
$\frac{3}{4}$ "	E75005	E75010	N/A	N/A
1"	E99905	E99910	N/A	N/A
$1\frac{1}{4}$ " Arrow	EA1250	N/A	N/A	N/A
$1\frac{1}{2}$ " Arrow	EA1500	N/A	N/A	N/A

Add "-C" to the end of a number for markers with a copper filter added.



ENS250 - Set with 1/4" Letters, ENS500 - Set with 1/2" Letters, ENS625 - Set with 5/8" Letters.

Enclosed Marker Sets

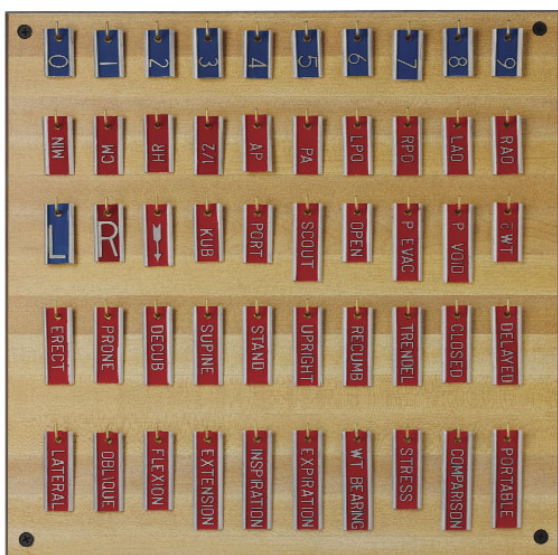
- In addition to custom markers, you may purchase our money-saving Enclosed Marker Sets which contain most of the commonly used legends.
- The set comes with a very durable, attractive, 14" x 14" Formica™ hook board with 50 markers (as pictured, including an extra "0" and "1"), 50 assembled hooks, and four mounting screws with anchors.
- The standard finish is maple/butcher-block style with dark stained beveled edges.
- Optional engraved nameplates to identify the hospital or department can also be ordered.
- Enclosed Marker Sets are available in either 1/4", 1/2", or 5/8" high legends.

You may specify unlisted legends to meet your special needs.

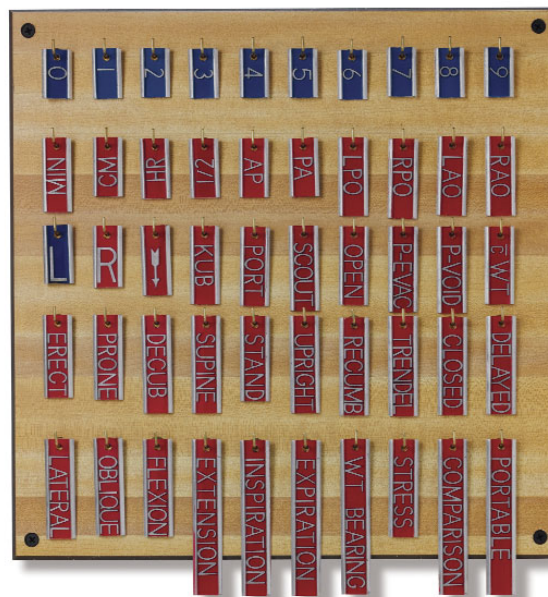
Embedded Marker Sets

- In addition to custom sets, you may purchase Embedded Markers as a standard set containing commonly used legends.
- Each set comes with a very durable, attractive 14" x 14" Formica hook board with 50 markers (as pictured, including an extra "0" and "1"), 50 assembled hooks, and four mounting screws with anchors.
- Optional engraved nameplates to identify the hospital or department can also be ordered.

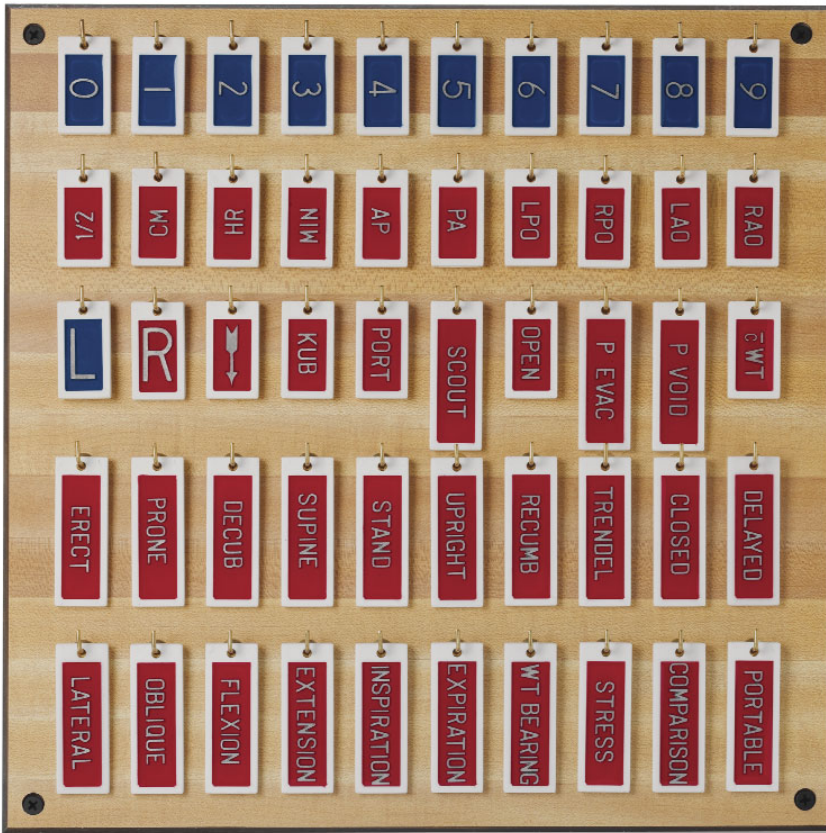
GENERAL EMBEDDED SETS - ALUMINUM



EAS050 - 3/8" Aluminum Set.



EAS150 - 1/2" Aluminum Set.

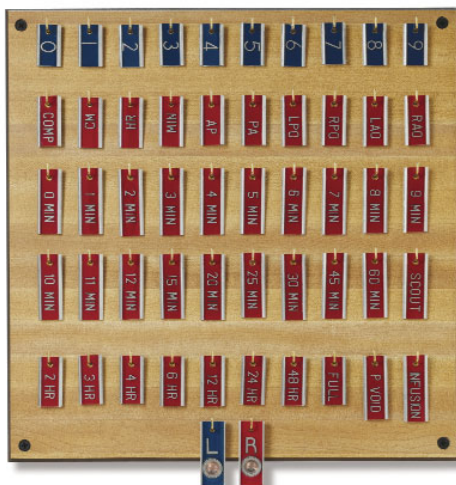


EPS050 - 3/8" Plastic Set, (14" x 14") 50 Markers.

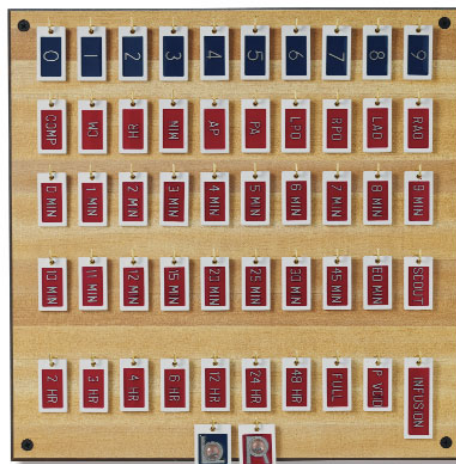
General Embedded Set - Molded Plastic

IVP and Tomography Sets - Aluminum or Molded Plastic

IVP EMBEDDED SETS

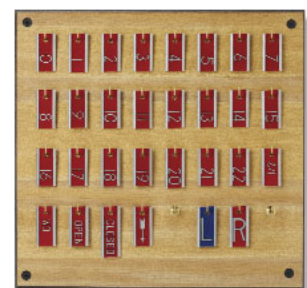


EAS252 - 3/8" Aluminum Set, (14" x 14") 52 Markers.

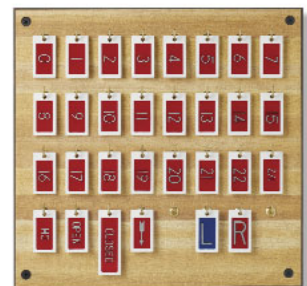


EPS252 - 3/8" Plastic Set, (14" x 14") 52 Markers.

EMBEDDED TOMOGRAPHY SETS



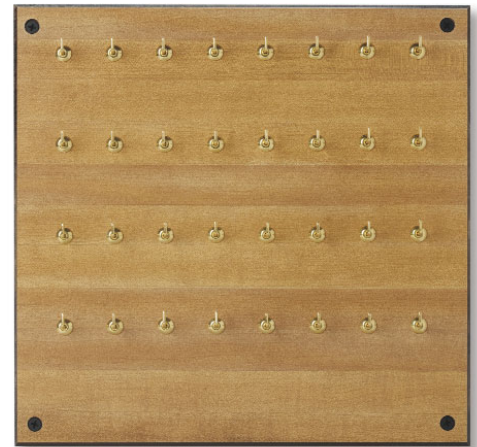
EAS332 - 3/8" Aluminum Set, (9" x 8 1/4") 30 Markers.



EPS332 - 3/8" Plastic Set, (9" x 8 1/4") 30 Markers.

Storage Boards

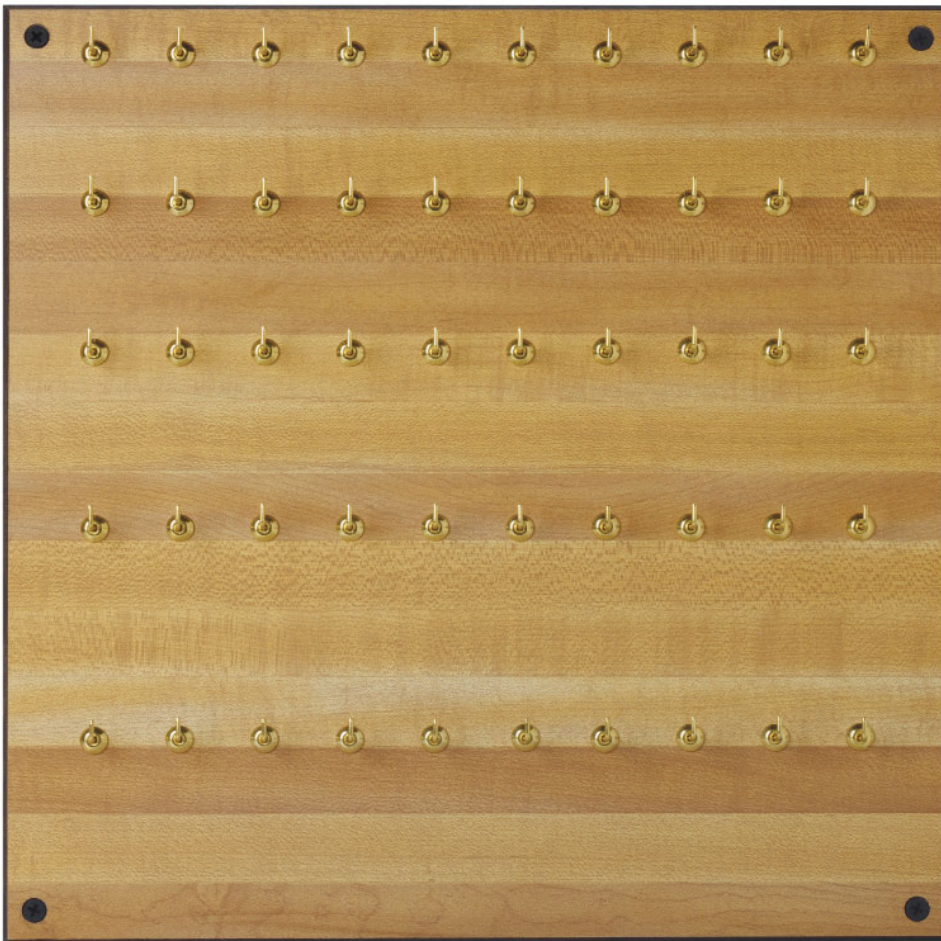
We can furnish you with a storage board that will match your storage needs. The selection includes a variety of hook boards, a board for suction cup markers, and a board for markers with Marker-Foot™ tape. Our tough Maple Formica™ boards resist scratching while retaining the beauty of wood. On most boards you can identify departments by adding optional nameplates or engraved names. Storage boards on this page do not include pictured markers.



Formica™ Hook Board (11" x 11 1/4") 32 Hooks - FHB032



Formica™ Hook Board (4 1/4" x 10 3/16")
8 Hook - FHB008, 16 Hook - FHB016, 17 Hook - MMB002
20 Hook - MMB003, Engraved Nameplate - NFH020



Formica™ Hook Board (14" x 14"): Assembled 50 Hook - FHB150, Unassembled 50 Hook - FHB050*, Optional Engraved Nameplate - NFH050



Economy Marker Board (Marlite™) (8" x 12")
16 Hook - HBM016*, 20 Hook - HBM020*



Storage Board for Markers with Marker Foot™ Tape
(4 1/4" x 10 3/16" x 1/8")
With Engraved Name - NMF001
Without Engraved Name - NMF002



Storage Board for Suction Cup Markers (4" x 10")
MMB001

* Requires assembly. All other boards are assembled.

Please specify 48 hook boards (FHB048* or FHB148) for 5/8" Enclosed Marker sets.

Unmounted Lead Letters, Numbers, and Arrows

These lead characters come in a wide selection of styles and sizes so you can easily match what you are presently using. Just send us a sample, and we will return it with your order.

Our letters are manufactured by a process which eliminates large interior voids found in die-cast letters, so that your x-ray legends will be clear and distinct. Since they are manufactured with flat backs, they can be easily and firmly mounted on any flat surface.

Flat Face is the standard style, although Condensed Deep Block is also a popular style because of its improved legibility on x-ray film. $\frac{1}{4}$ " thick Industrial is used in high kVp applications. Lead arrows are also available in $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", 1", $1\frac{1}{4}$ ", and $1\frac{1}{2}$ " lengths.

Just specify the letter style, height (or arrow length), and quantity for each letter, number, or arrow. We will indicate the correct catalog number on your invoice. For your reference, the catalog number for each style, size, and

mounting is listed on our price sheet. If you do not see a style that you need, please contact us. We either have it or can manufacture it.

Your local x-ray dealer, working with our efficient, friendly, and knowledgeable staff, makes ordering these letters a pleasure.

All characters shown at actual size.

X-RAY LETTER STYLES

Height in Inches	$\frac{3}{32}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"
Height in Millimeters	2.381	3.175	4.721	6.360	9.525	12.70	15.875	19.050	25.400

CONDENSED
DEEP BLOCK

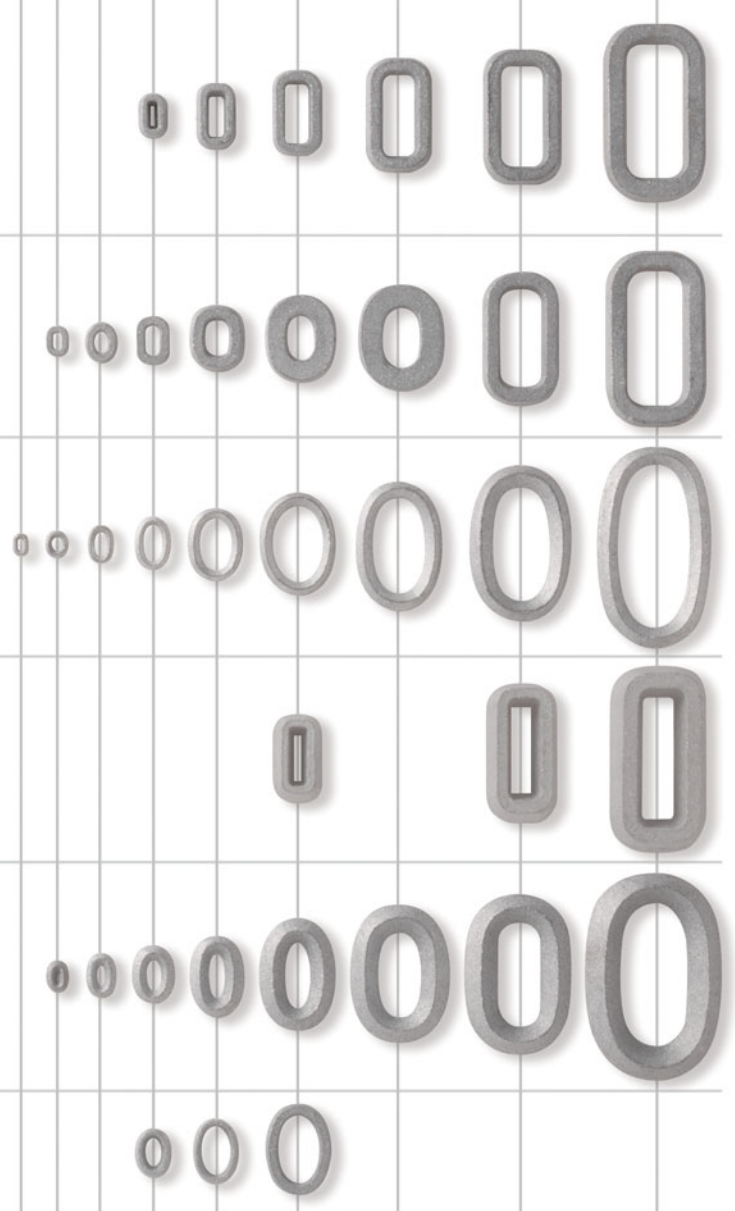
FLAT FACE

HAIRLINE

INDUSTRIAL

SHARP FACE

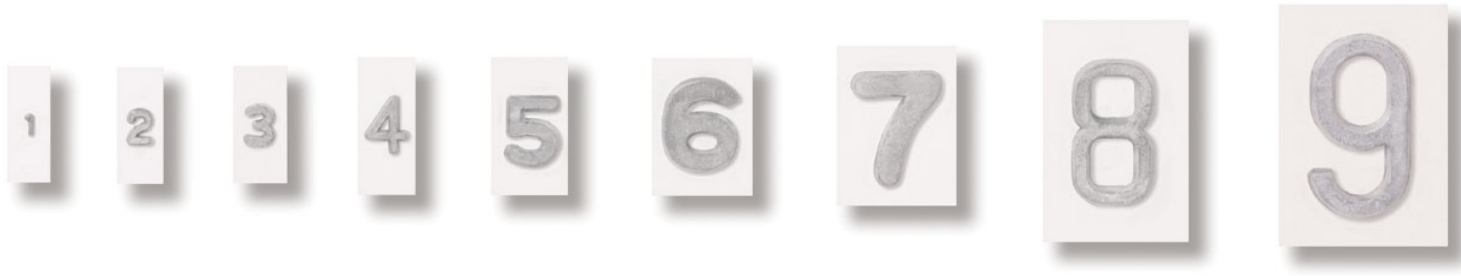
XRAY BLOCK



Mounted Lead X-Ray Letters, Numbers, Arrows and Words

We custom-mount individual lead characters or complete words on plastic, aluminum, or copper to your specifications. We use flat-back letters and a special adhesive to insure that the letters stay permanently on their backing.

You will find mounted letters easier to handle, more economical than markers, and custom-made to fit your standard channel markers. You may also find that Aluminum or Copper mountings improve the letter contrast on your radiograph.



To order mounted individual characters or words, please indicate:

Letter Size - See previous page for the available sizes of all our letter styles.

Letter Style - See previous page for available letter styles. Unless you specify otherwise, we will mount the Flat Face Style.

Mounting Sizes, Individual Characters - The above are actual-size photographs of our standard mountings. Match your sample to these pictures, and reference the mounting number in your order. If your sample does not match, send us the sample, and we will return it with your order. You may also send sketches with exact dimensions or indicate the name of the channel marker you are using.

Mounting Sizes, Words - You can also use the above pictures and table to order standard mounted words. If your sample does not match any of the above pictures, send a sample, description, or sketch indicating letter style and height. Include the height and width of mounting background, and position of words, if not centered. Unless you indicate otherwise, words of greatest height will be mounted with an equal top and bottom margin; words of lesser height will rest on baseline of those taller words.

Mounting Material - All mountings will be centered on .020" thick white vinyl plastic, unless your sample, drawing or specified holder indicates otherwise. Industrial style letters will be mounted on black plastic, unless otherwise specified.

Accuracy - Please double-check your order specifications. We will not accept returns for

mounted letters or words unless it is due to our error.

We can mount letters on the following materials:

Black Plastic (.030" or .040" thick)

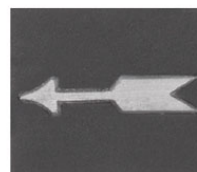
Clear Plastic (.020" or .030" thick), mounted on the front (standard) or back

Aluminum (.016" thick)

Copper (.006, .016", .032" thick)

Specifying Quantity - Please indicate the quantity of each letter, number, arrow or word. For example, "3/8" Flat Face Letters Mounted on 3/4" White Plastic (#5 Mounting) 10 each A, B, C, D; 3 each R, L; 5 each 0-9" or "1/2" Flat Face Words Mounted on 3/4" High White Plastic, 10 each to read: RIGHT, 5 each to read: LEFT."

Note: Because of the large number of variations in mountings and letter styles, we have many catalog numbers for these options. We suggest you give your dealer a product description similar to the examples under "Specifying Quantity" above. We will indicate the correct catalog number and your dealer's catalog number on our invoice and packing slip. Our catalog numbers can be located on our current price sheet.



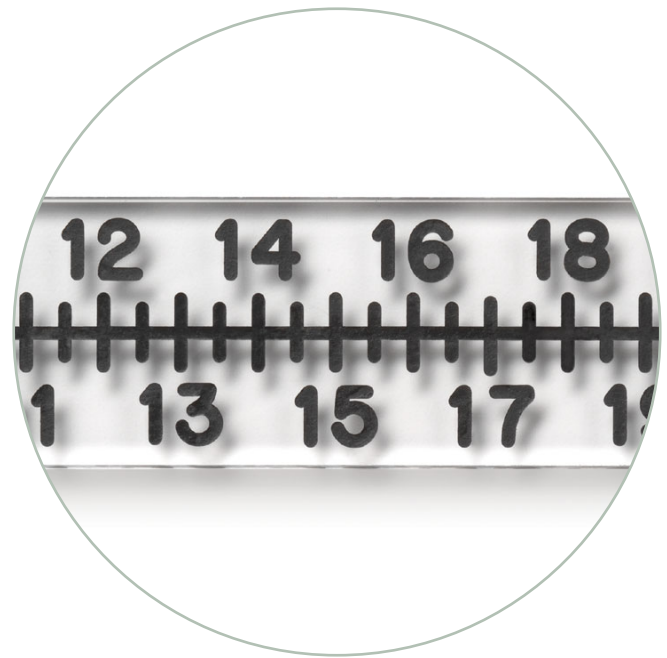
Arrow pictured is 1" long.
See page 20 for available lengths.

All characters and mountings are shown at actual size.

STYLE NO.	MOUNTED LEAD LETTERS
1	3/32" figure on 5/8" high plastic
2	1/8" figure on 5/8" high plastic
3	3/16" figure on 5/8" high plastic
4	1/4" figure on 3/4" high plastic
5	3/8" figure on 3/4" high plastic
6	1/2" figure on 3/4" high plastic
7	5/8" figure on 13/16" high plastic
8	3/4" figure on 1 1/8" high plastic
9	1" figure on 1 1/4" high plastic

Acrylic Scales

These special scales are used when the radiologist needs to indicate locations or measurements in the imaging field. We engrave deep, 0.5 cm. graduations into tough acrylic plastic and fill them with a special radiopaque compound to leave distinct images on the radiograph. These scales have a center line for topographic recordings. They are available in both the 45 cm. and 115 cm. lengths with a hanging hole for storage.



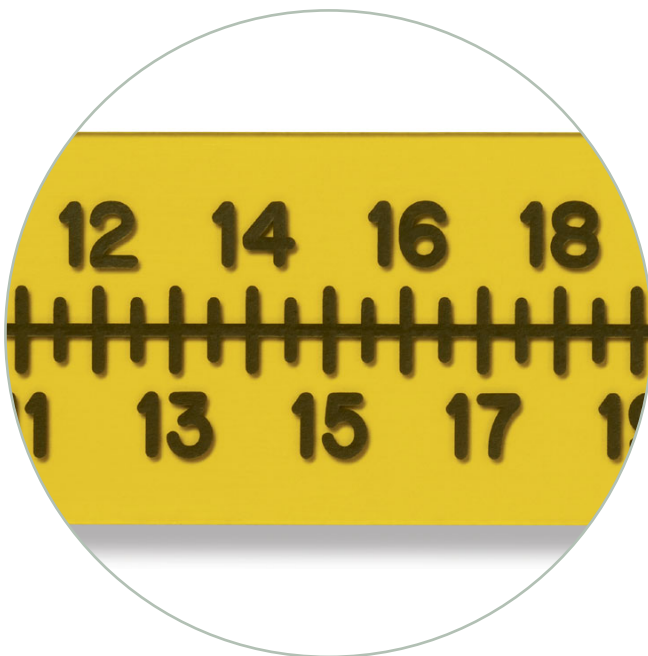
Inset photo at actual size.



Flexible Scales

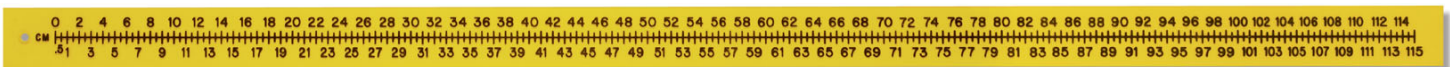
This radiopaque extremity ruler is manufactured from a high performance, chemical-resistant plastic which can be sterilized using ethylene oxide or alcohol. Unlike acrylic rulers, this ruler is very flexible and virtually unbreakable.

These scales are used whenever measurements or locations in the image field are required. 1 cm. and 0.5 cm. graduations are engraved at least 0.030" deep and filled with a special, flexible radiopaque material to give distinct and permanent readings on the radiograph. 115 cm. lengths are available in two thicknesses ($\frac{1}{16}$ " and $\frac{1}{8}$ "), and we also manufacture 45 cm. flexible scales ($\frac{1}{16}$ " thick).



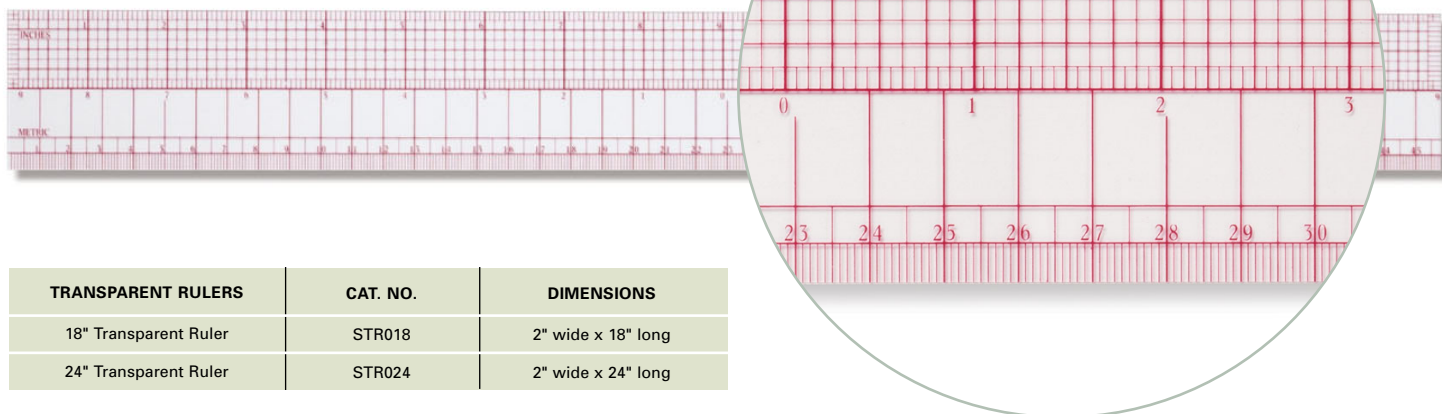
Inset photo at actual size.

EXTREMITY RULERS	CAT. NO.	DIMENSIONS
115" cm. X $\frac{1}{16}$ " thick flexible scale	SFL062	2" wide x 48" long
45" cm. X $\frac{1}{16}$ " thick flexible scale	SFL062-45	2" wide x 22" long
115" cm. X $\frac{1}{8}$ " thick flexible scale	SFL125	2" wide x 48" long



Transparent Rulers

To make measurements directly on the x-ray film, the technologist can use this flexible Transparent Ruler. The top edge has distinct 1/4" graduations with adjoining grids for precise locating and measurement. The bottom edge has millimeter graduations.



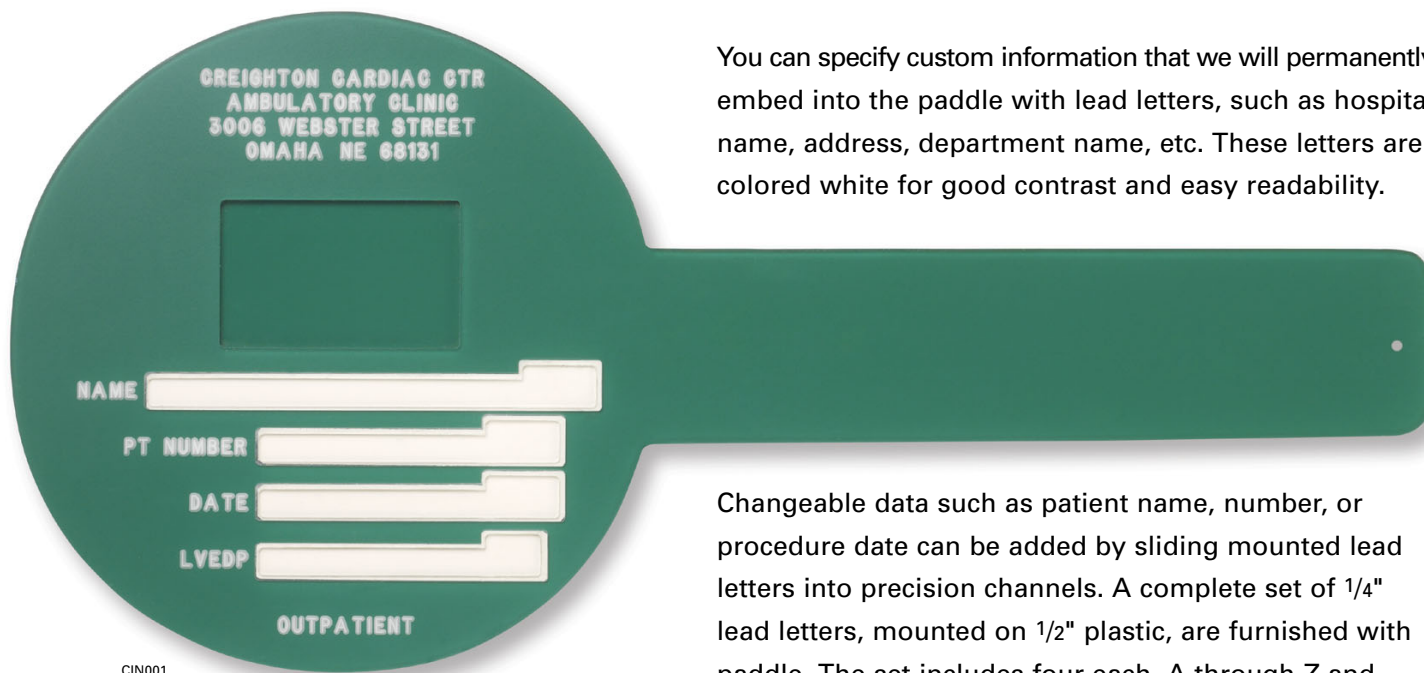
Inset photo at actual size.

TRANSPARENT RULERS	CAT. NO.	DIMENSIONS
18" Transparent Ruler	STR018	2" wide x 18" long
24" Transparent Ruler	STR024	2" wide x 24" long

Cine Marker Paddle

This special marker is designed to imprint important information on the Cine film during diagnostic procedures.

You can specify custom information that we will permanently embed into the paddle with lead letters, such as hospital name, address, department name, etc. These letters are colored white for good contrast and easy readability.



Changeable data such as patient name, number, or procedure date can be added by sliding mounted lead letters into precision channels. A complete set of 1/4" lead letters, mounted on 1/2" plastic, are furnished with paddle. The set includes four each, A through Z and 0 through 9.

CIN001

Product Index

Mammography Markers 4-7		<ul style="list-style-type: none"> • <i>Mark-Clear</i> 15 	<ul style="list-style-type: none"> • <i>Embedded Aluminum - Tomography</i> 18
Abbreviated Conventional Marker	6	High kVp Markers 15	
Abbreviated Space-Saver Marker	6	Left and Right Markers 8-15	<ul style="list-style-type: none"> • <i>Embedded Plastic - Tomography</i> 18
Combined View/Initial Marker	6	<ul style="list-style-type: none"> • <i>Embedded Aluminum Duo Markers</i> 13 	<ul style="list-style-type: none"> • <i>Enclosed Markers</i> 17
Degree Marker	7	<ul style="list-style-type: none"> • <i>Embedded Plastic</i> 10-11 	
Extra Long Marker	5	<ul style="list-style-type: none"> • <i>Embedded Plastic Duo Markers</i> 13 	
Initial Markers	7	<ul style="list-style-type: none"> • <i>High kVp Markers</i> 15 	
Number Markers	7	<ul style="list-style-type: none"> • <i>Mark-Clear</i> 8 	
Space-Saver Marker	6-7	<ul style="list-style-type: none"> • <i>Mark-Clear Duo Markers</i> 9 	
Marker Sets	4-5	<ul style="list-style-type: none"> • <i>Polycarbonate (Previously Acrylic)</i> 9 	
<ul style="list-style-type: none"> • <i>Mark-Fast Marker Sets</i> 4 • <i>Mark-Well Marker Sets</i> 5 		<ul style="list-style-type: none"> • <i>Position Markers</i> 14 	
General Radiology Markers 8-18		Marker Sets 17-18	
Custom Markers	15-16	<ul style="list-style-type: none"> • <i>Embedded Aluminum - General</i> 17 	
<ul style="list-style-type: none"> • <i>Embedded Aluminum</i> 16 • <i>Embedded Plastic</i> 16 • <i>Enclosed</i> 16 		<ul style="list-style-type: none"> • <i>Embedded Plastic - General</i> 18 • <i>Embedded Aluminum - IVP</i> 18 • <i>Embedded Plastic - IVP</i> 18 	
		Storage Boards 19	
		Mounted and Unmounted Characters 20-21	
		Lead Letters, Numbers and Arrows - Unmounted 20	
		Lead Letters, Numbers, Arrows, and Words - Mounted 21	
		Rulers, Scales, and Paddles 22-23	
		Acrylic Scales 22	
		Cine Marker Paddle 23	
		Flexible Scales 22	
		Transparent Rulers 23	

ALL ~ CRAFT WELLMAN

Our products are proudly distributed by:

All-Craft Wellman Products, Inc.

4839 East 345th Street

Willoughby, OH 44094

Tel: 440-946-9646

Fax: 440-946-9648

Email: info@x-ray-markers.com

If you have received this catalog without a dealer label, contact us for a list of dealers.