

CS-33

TYPE MOLDS

Cathodic Protection
Horizontal Cable to
Horizontal Cast Iron Surface
For AWG Conductors



Section 7 - Products for
Cathodic Protection

MOLDS FOR AWG CONDUCTORS						
Cable Size	Surface	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
#6 Sol†	Flat (30" & larger pipe)	M-156	3	25CI	Not required Optional: Magnetic Mold Support, Catalog Number 40-7202-00, See Page 146	SDS
#6	Flat (30" & larger pipe)	M-157	3	25CI		2
#4 Sol	Flat (30" & larger pipe)	M-158	3	45CI		2
#4	Flat (30" & larger pipe)	M-159	3	45CI		2
#2 Sol	Flat (30" & larger pipe)	M-160	3	45CI		2
#2	Flat (30" & larger pipe)	M-161	3	45CI		2
#1	Flat (30" & larger pipe)	M-163	3	65CI		2

† For Wire Size #14 to #10 Solid, 38-0200-00 Sleeve/Weld Req'd

MOLDS FOR AWG CONDUCTORS						
Cable Size	Surface	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
#6 Sol†	Flat (30" & larger pipe)	M-5316	3	32CI	Not required Optional: Magnetic Mold Support, Catalog Number 40-7202-00, See Page 146	4
#6	Flat (30" & larger pipe)	M-5535	3	32CI		4
#4 Sol	Flat (30" & larger pipe)	M-5536	3	45CI		4
#4	Flat (30" & larger pipe)	M-5537	3	45CI		2
#2 Sol	Flat (30" & larger pipe)	M-5538	3	45CI		4
#2	Flat (30" & larger pipe)	M-5540	3	45CI		2
#1	Flat (30" & larger pipe)	M-5542	3	65CI		4

† For Wire Size #14 to #10 Solid, (2) 38-0200-00 Sleeves/Weld Req'd

CS-35

TYPE MOLDS

Cathodic Protection
Horizontal Thru Cable to
Horizontal Cast Iron Surface
For AWG Conductors



Welding To Horizontal Pipe: To weld to 4" to 24" horizontal pipe, add pipe size to mold number. Example: To weld #1 str cable to 6" horizontal pipe, the mold number would be M-163-6. To weld to pipe 30" and larger, use flat surface mold.

DO NOT use Type CS-33 or CS-35 molds on Soil Pipe (ASTM A74-82). A test weld should be made on a section of the pipe being used to determine the possibility of detrimental metallurgical effects.

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
 - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
 - † ~ Sold complete with frame If frame not required, specify MOLD NUMBER followed by suffix "-G"
 - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
 - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
 - 38-3922-00 ~ Mold Cleaning Brush
 - 38-0135-00 ~ Cable Cleaning Brush
 - 38-0101-00 ~ Rasp
 - 38-4129-00 ~ Packing Material for 1/0 & Larger Molds