

CS-32

TYPE MOLDS

Cathodic Protection
Horizontal Cable to
Horizontal Steel Surface
For AWG Conductors



NOTE
Welding To Ductile Iron Pipe: When welding to ductile iron pipe, use weld metal and molds designated for cast iron.

- 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

MOLDS FOR AWG CONDUCTORS						
Cable Size	Surface	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
#6 Sol†	Flat (4" & Larger pipe)	M-100	3	15CP	Not required Optional: Magnetic Mold Support, Catalog Number 40-7202-00, See Page 146	SDS
	3/4" to 3 1/2" pipe	M-101	3	15CP		SDS
#6	Flat (4" & Larger pipe)	M-102	3	15CP		SDS
	3/4" to 3 1/2" pipe	M-103	3	15CP		2
#4 Sol	Flat (6" & Larger pipe)	M-104	3	15CP		SDS
	3/4" to 3 1/2" pipe	M-105	3	15CP		2
	4" to 5" pipe	M-130	3	15CP		2
#4	Flat (6" & Larger pipe)	M-106	3	15CP		SDS
	3/4" to 3 1/2" pipe	M-107	3	15CP		2
	4" to 5" pipe	M-108	3	15CP		2
#2 Sol	Flat (10" & Larger pipe)	M-109	3	25CP		2
	1" to 3 1/2" pipe	M-110	3	25CP		2
	4" to 8" pipe	M-111	3	25CP		2
#2	Flat (10" & Larger pipe)	M-112	3	32CP		2
	1" to 3 1/2" pipe	M-113	3	32CP	2	
	4" to 8" pipe	M-114	3	32CP	2	
	10" to 14" pipe	M-115	3	32CP	2	
#1	Flat (16" & Larger pipe)	M-116	3	45CP	2	
	1 1/2" to 3 1/2" pipe	M-117	3	45CP	2	
	4" to 8" pipe	M-118	3	45CP	2	
	10" to 14" pipe	M-119	3	45CP	2	
1/0	Flat (20" & Larger pipe)	M-120	3	65CP	2	
	2 1/2" to 3 1/2" pipe	M-121	3	65CP	2	
	4" to 8" pipe	M-122	3	65CP	2	
2/0	10" to 18" pipe	M-123	3	65CP	2	
	Flat (20" & Larger pipe)	M-124	3	65CP	2	
	2 1/2" to 3 1/2" pipe	M-125	3	65CP	2	
	4" to 8" pipe	M-126	3	65CP	2	
	10" to 18" pipe	M-127	3	65CP	2	

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

Section 7 - Products for
Cathodic Protection

CP Kit



Each CP Kit Contains		
Flat to 4" & Larger Pipe	3/4" to 3 1/2" & Larger Pipe	Flat 4" & Larger Pipe
(1) M-100 Mold	(1) M-101 Mold	(1) M-102
(80) 15CPS Cartridges*	(80) 15CPS Cartridges*	(80) 15CPS Cartridges*
Flint Ignitor	Flint Ignitor	Flint Ignitor
Mold Cleaner	Mold Cleaner	Mold Cleaner
Part #	Part #	Part #
38-4350-00	38-4351-00	38-7280-00

* Sleeves are included in weld metal.

Specialty kits are available for other infrastructure applications and unique contractor needs. The NACE-trained staff at thermOweld® is ready to help you with your cathodic protection project.