INSTRUCTIONS FOR INSTALLATION OF CONDUIT AND GROUNDING OF EQUIPMENT IN NON-METALLIC ENCLOSURES

INSTALLATION OF CONDUIT

1. CONDUIT HOLES - Cut holes in enclosure (when required) at the desired location. The use of a Greenlee Cutter is the preferred method, placing the punch of the Greenlee Cutter on the inside of the enclosure and drawing the punch through to the outside.
2. CONDUIT CONNECTIONS (See illustrations below)
   a. Metallic Conduit - First secure the conduit connector (hub) onto the conduit. The secure conduit connector (hub) into the prepared enclosure hole using the connector locknut. Then attach grounding bushing having the proper size ground wire lug over the connector locknut.

> CAUTION: Bonding between the grounding bushings or between the grounding bushings and the equipment grounding terminal (when provided) must be included as part of the installation procedure in accordance with The National Electrical Code.

   b. Non-Metallic Conduit - Secure conduit to the conduit connector (hub) either before or after the conduit connector is secured into the prepared hole using the connector locknut.

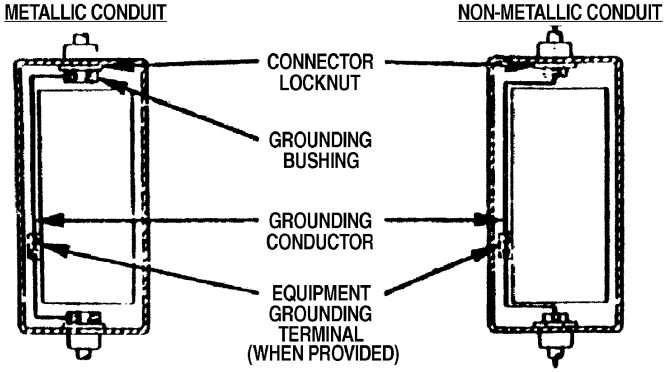
NOTE: Grounding bushing not required.

> CAUTION: In order to prevent enclosure damage and to attain the enclosure requirements, the conduit should be aligned so as to prevent unnecessary stress on the enclosure walls.
>
> In order to obtain maximum corrosion protection, cover (coat) all exposed metal and seal of the conduit openings where the conductors enter the enclosure.

GROUNDING OF EQUIPMENT

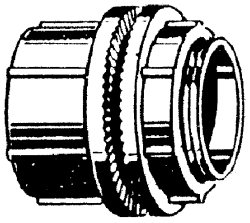
Install the grounding conductor in accordance with the requirements of the National Electrical Code. See illustrations below when using either metallic or non-metallic conduit.

GROUNDING INSTRCTIONS



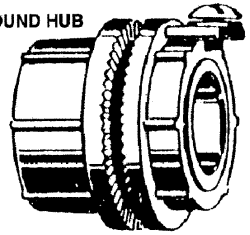
CONDUIT CONNECTOR (HUB)

THE FOLLOWING WATERTIGHT FITTINGS ARE SUITABLE FOR USE WITH VYNCO FIBERGLASS ENCLOSURES.



standard
Scru-Tite® Hub

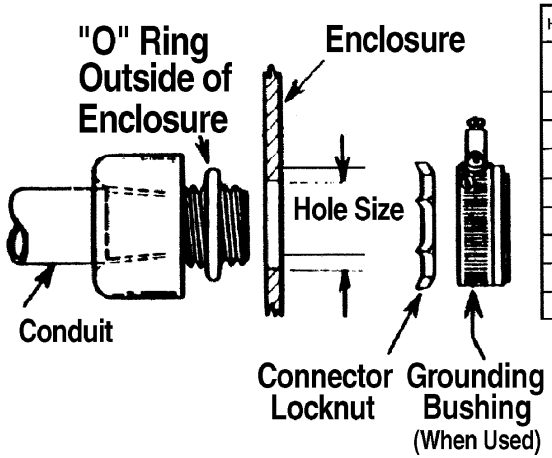
GROUND HUB



MYERS ELECTRIC PRODUCTS, INC

ZINC			ALUM.		
NAED EDP NUMBER	Cat. No.	Size	NAED EDP NUMBER	Cat. No.	Size
*10003	ST-1	½	*10015	STA-1	½
*10004	ST-2	¾	*10016	STA-2	¾
*10005	ST-3	1	*10017	STA-3	1
*10006	ST-4	1¼	*10018	STA-4	1¼
*10007	ST-5	1½	*10019	STA-5	1½
*10008	ST-6	2	*10020	STA-6	2
10009	ST-7	2½	10021	STA-7	2½
*10033	ST-7T	2½	*10043	SAT-7T	2½
10010	ST-8	3	10022	STA-8	3
*10034	ST-8T	3	*10044	STA-8T	3
10011	ST-9	3½	10023	STA-9	3½
*10035	ST-19	3½	*10045	STA-19	3½
10012	ST-10	4	10024	STA-10	4
*10036	ST-10T	4	*10046	STA-10T	4
			10025	STA-11	5
*10993	STG- 1	½	*10105	STAG-1	½
*10094	STG-2	¾	*10106	STAG-2	¾
*10095	STG-3	1	*10107	STAG-3	1
*10096	STG-4	1¼	*10108	STAG-4	1¼
*10097	STG-5	1½	*10109	STAG-5	1½
*10098	STG-6	2	*10110	STAG-6	2
10099	STG-7	2½	10111	STAG-7	2½
10100	STG-8	3	10112	STAG-8	3
10101	STG-9	3½	10113	STAG-9	3½
10102	STG-10	4	10114	STAG-10	4

ALLEN-BRADLEY



HUB (Conduit Connector)		GROUNDING BUSHING	
Size	Catalog Number	Wire Range	Catalog Number
½"	1490-N1	—	—
¾"	1490-N9	#14-#8	1490-N20
1"	1490-N10	#14-#8	1490-N21
1¼"	1490-N11	#14-#4	1490-N22
1½"	1490-N5	#4-#1/Q	1490-N23
2"	1490-N6	#4-#1/Q	1490-N24
2½"	1490-N7	#1-#2/Q	1490-N25
3"	1490-N8	#1/0-4/Q	1490-N26

Vynco FIBERGLASS ENCLOSURES made in belgium

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