

**LIST OF MATERIALS**  
**Acceptable for Use on Systems**  
**of USDA Rural Development**  
**Electrification Borrowers**

**United States Department of Agriculture**  
**Rural Development Utilities Programs**  
**Electric Programs**

**Informational Publication 202-1**  
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**DISCLAIMER**

*Every effort has been made to ensure the accuracy of this document.  
However, in case of discrepancies, records of Technical Standards  
Committee "A" are the authoritative source.*

## Revision Summary

1. Page k(2)
  - a. Replaced Hubbell Power Systems insulators PDI-15, PDI-25, and PDI-25, with newly designed insulators catalog numbers 401015-0215 (15 kV), 401025-0215 (25 kV), 401035-0215 (35 kV).
2. Page x-1
  - a. Added Allied Bolt, Inc.
3. Page eg-1
  - a. Added DIS-TRAN Wood Products, LLC
    - i. Catalog numbers: REA Type 01EP, 02EP, 03EP, 04EP, 05EP, 05MEP, 12EP, 14EP, 16EP, 21EP, 22EP, 31EP, 32EP, 41EP, 42EP.
4. Page U ja-1
  - a. Removed DiversiTech
    - i. TP Series
  - b. Added DiversiTech
    - i. FRC Series, fiber reinforced concrete
5. Page U ja-2
  - a. Added DiversiTech
    - i. FRC Series, fiber reinforced concrete

k – Insulator, polymer distribution deadend

Manufacturer	Conditions
<u>Advanced Rubber Products*</u>	
ARP-15EACE-I (EPDM – 15 kV)	1. To obtain experience. 2. For use as deadends on distribution lines only. 3. Not recommended for use in areas subject to contamination.
ARP-25EACE-I (EPDM – 25 kV)	
ARP-35EACE-I (EPDM – 35 kV)	
ARP-15SKCE-S (Silicone – 15 kV)	
ARP-15SKCE-A (Silicone – 15 kV)	
ARP-25SKCE-S (Silicone – 25 kV)	
ARP-35SKCE-S (Silicone – 35 kV)	
* A = Aluminum end-fitting, I = Cast iron end-fitting, S = Steel end-fitting	
<u>Dulmison</u>	
H-15 kV-4	Same as above.
H-25 kV-6	
<u>GLP</u>	
DS-15 (15 kV)	Same as above.
DS-28 (25 kV)	
<u>Grupo IUSA</u>	
ASSI-15-70 (15 kV)	Same as above.
ASSI-25-70 (25 kV)	
ASSI-35-70 (35 kV)	
<u>Hubbell (Ohio Brass)</u>	
<u>Veri*Lite PDI</u>	Same as above.
401015-0215 (15 kV)	
401025-0215 (25 kV)	
401035-0215 (35 kV)	
<u>K-Line</u>	
KL-15ASCTM (15 kV line-to-line)	Same as above.
KL-28ASCTM (25 kV line-to-line)	
KL-35SCTM (35 kV line-to-line)	
<u>MacLean (Reliable)</u>	
DS-15G (15 kV)	Same as above.
DS-15M (15 kV) (metal end fittings)	
DS-28G (25 kV)	
DS-28M (25 kV) (metal end fittings)	
DS-35G (35 kV)	
DS-35M (35 kV) (metal end fittings)	
<u>Porcelain Products</u>	
PDEI-15, 15 kV	Same as above.
PDEI-25, 25 kV	

NOTE: When insulators from this page are used, adjust construction drawing material list quantities as necessary. Recommended maximum working load is 5,000 lbs.

x – Rod, anchor

Applicable Specification: ANSI C135.2, “Standards for Galvanized Ferrous Strand Eye Anchor Rods”

Applicable Sizes:

- Single guy: 5/8 inch diam. 6, 7 and 8 feet long  
3/4 inch diam. 8, 9 and 10 feet long  
1 inch diam. 9 and 10 feet long
- Double guy: 5/8 inch diam. 7 and 8 feet long  
3/4 inch diam. 8, 9 and 10 feet long  
1 inch diam. 9 and 10 feet long
- Single Guy: Drive: 5/8 inch diam. 7 and 8 feet long  
3/4 inch diam. 8, 9 and 10 feet long  
1 inch diam. 9 and 10 feet long
- Double Guy: Drive: 5/8 inch diam. 7 and 8 feet long  
3/4 inch diam. 8, 9 and 10 feet long  
1 inch diam. 9 and 10 feet long

The following manufacturers have shown compliance with the applicable specifications. Some manufacturers cannot supply all sizes listed above. Check with manufacturer or distributor for availability.

**Allied Bolt, Inc.**

Dixie  
Eritech (Carolina Galvanizing/Knight)  
Grip-Tite  
Hubbell (Chance)  
Joslyn  
Kortick  
Utilities Service

eg - Plate, crossarm reinforcing

TRANSMISSION

For 5-5/8" x 7-3/8" crossarm

Manufacturer	Catalog Number
Hubbell (Chance)	4047
Hughes Brothers	1113.88
MacLean (Continental)	U3838
Brooks Manufacturing Co.	REA Type 01 NP REA Type 02 NP REA Type 03 NP REA Type 04 NP REA Type 05 NP REA Type 05M NP REA Type 14 NP REA Type 22 NP
DIS-TRAN Wood Products, LLC	REA Type 01EP REA Type 02EP REA Type 03EP REA Type 04EP REA Type 05EP REA Type 05MEP REA Type 12EP REA Type 14EP REA Type 16EP REA Type 21EP REA Type 22EP REA Type 31EP REA Type 32EP REA Type 41EP REA Type 42EP

U ja – Equipment Flat Pad\*

Manufacturer	Catalog Number
<u>Armorcast</u>	<b>600 Series, Polymer Concrete</b> <b>P600XXXX Rotocast, LLDPE</b>
<u>Associated Plastics</u>	API 4000 Series RPM
<u>Carolina Dielectrics</u>	Model 0502-1, Fiberglass, Size:40"x44"
<u>CDR Systems (Homac)</u>	PP Series, Fiber reinforced polymer concrete
<u>Diversitech</u>	<del>TP Series – Fiberglass reinforced concrete</del> FRC Series – Fiberglass reinforced concrete
<u>Electri-Glass</u>	Fiberglass LP-4145, 41" x 45"
<u>Electrical Materials</u>	Molded HMW Polyethylene Model 64-3BC, 42" x 41" x 4" Model 65-4BC, 52" x46"
<u>Electrimold</u>	EPPT
<u>Highline Products</u>	PBP Series, Polymer concrete hybrid HL-46B, Fiberglass, Size: approx. 42" X 42"
<u>Formex</u>	Mode1 TP-REA, Molded polyethylene
<u>Heil Rotomold, Inc.</u>	T Series, High density polyethylene
<u>Highline</u>	HL-46B, Fiberglass, Size: approx.42"x42"
<u>Hubbell (Chance)</u>	C107-0162 Fiberglass, Size: 40" x 44"
<u>Major Frame-Crete</u>	ETPP precast, cellular concrete, 42"x42"
<u>Nordic</u>	TP Series, Fiberglass
<u>Parking Bumper Company – a Division of Hog Slat, Inc.</u>	7610, 7612, 7613, 7626PE, 7621
<u>PenCell Plastics</u>	TP-4220, TP-4224, TP-4227
<u>Quality Rubber Company</u>	34242 light-weight concrete
<u>Quazite Corp.</u>	Composolite - PH Series
<u>RMI-D</u>	Dwg. No. 730126-2, Molded polyethylene Size: 42" x 42"
<u>Smith Cattleguard</u>	Easi Set T. Series, Precast Reinforced Concrete
<u>Thermodynamics</u>	Poly-Pad, PR Series, Molded polyethylene YEPR031220, YEPR031226, compression molded polypropylene

\*Order by catalog number and size.

U ja – Equipment Box Pad (Sleeve)\*

Manufacturer	Catalog Number
<u>Acura Fiberglass Corp.</u>	Model AG 4532
<u>Associated Plastics</u>	Transformer pad and box assembly, API 4242 RPM Pad and 1730 Box Transformer Pads, API 16 and API 45
<u>Blue Grass Vault Company</u>	BG-PV-T, BG-PV-1, BG-PV-2
<u>Concast</u>	Fibercrete modular bases
<u>Custom Composites</u>	R Series Fiberglass
<u>DiversiTech</u>	FRC Series – Fiberglass reinforced concrete
<u>D &amp; L</u>	Fiberglass
<u>Electri-Glass, Inc.</u>	BP-2000
<u>Electrimold</u>	EFBT,EFBS,EFBG Series
<u>Fibreglas Fabricators</u>	Transformer pad and sleeve assembly, FFBP series
<u>Formex</u>	Transformer pad and box assembly - TP-REA Series Pad, 1730-A Series Box
<u>Highline</u>	Box pad HL, FBP, FSG, AND FGS Series
<u>Malton</u>	FGS Series Fiberglass ground sleeves and box pads
<u>Maysteel</u>	CW-GS-P Series
<u>Mor-Tech Fab</u>	Transformer pad ground sleeves
<u>Nordic</u>	GS Series Fiberglass (excluding GS-37-43-15-A) CBP-37-43-15-A
<u>PenCell</u>	Transformer pad and box assembly- TPS-20-PE Pad, PE-20GS Box
<u>ProGlass, Inc.</u>	TX, SR, S, and SG Series (All without optional lids)
<u>Quality Fiberglass</u>	QF Series
<u>Synertech Moulded Products</u>	S1212, S1118, S1324, S1730, S2436, S3048 and S3660
<u>Thermodynamics</u>	Poly Pad - VC series (VCC-P series covers available) Polyethylene

\*Order by catalog number and size.