



## EPEC 80 (Schedule 80) With 1250 lb Mule Tape



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- High-Density Polyethylene (HDPE)
- 1250 lb Mule Tape

### APPLICATIONS AND FEATURES:

Designed to house and protect wire and cable products in various underground applications for commercial constructions, EV infrastructure expansions, Utility grid-hardening efforts, airports, mass transit, renewables, petrochemical, agriculture, and data centers. May be installed directly buried or encased in concrete as permitted by The National Electrical Code® Article 353. For above ground applications, HDPE conduit must be encased in a minimum of 2 inches of concrete.

### SPECIFICATIONS:

- ASTM D3350 Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
- ASTM F2160 Standard Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD)
- UL 651A High Density Polyethylene (HPDE) Conduit
- CSA *CSA marking is available upon request*
- Buy American: Compliant with Buy American Requirements, found in 49 U.S.C. § 5323(j); specify "Made in the USA Only!" when ordering to ensure your project receives American made products.
- NEMA TC-7 Smooth-Wall Coilable Electrical Polyethylene Conduit

### SAMPLE PRINT LEGEND:

{SQFTG} FEET (LOGO) SOUTHWIRE CONDUIT (UL) HDPE X" SCH80 NEMA TC 7 / ASTM F2160 {MMM/DD/YYYY} {MACH/  
SHFT/OP}





**Table 1 – Physical and Electrical Data**

| Stock Number | Description                                  | Duct Nominal Size | Duct Nominal Outside Dia. | Duct Min. Wall Thickness | Duct Nominal Inside Dia. | Duct Min. Bending Radius | Duct Max. Pull Tension | Duct Color | Approx. Cable and Duct Weight |
|--------------|----------------------------------------------|-------------------|---------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------|-------------------------------|
|              |                                              | inch              | inch                      | inch                     | inch                     | inch                     | lb                     |            | lb/1000ft                     |
| 632780       | EPEC 80 (Schedule 80) With 1250 lb Mule Tape | 4.00              | 4.500                     | 0.337                    | 3.786                    | 50                       | 9365                   | BK         | 1936                          |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

**Cell Classification for HDPE Conduit**

| Property                 | Test Method | Value                 |
|--------------------------|-------------|-----------------------|
| Density                  | D4883       | 0.953 g/cc            |
| Melt Index               | D1238       | 0.25 g/10 min         |
| Flexural Modulus         | D790        | 168,000 psi           |
| Tensile Strength         | D638        | 3900 yield @ 2 in/min |
| SP-NCLS ESCR             | F2136       | >1000 hrs             |
| Hydrostatic Design Basis | D2837       | N/A                   |

- (PE436580C-BK), (PE436580E-Colors)

CIC Labor Saving Calculator

