EPEC 40 (Schedule 40) 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" SCH40 NEMA TC 7 / ASTM F2160 {MMM/DD/YYYY} {MACH/SHFT/OP}

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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
632029	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	0.75	1.05	0.113	0.804	12	710	BK	149
632998	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	0.75	1.05	0.113	0.804	12	710	GY	149
633568	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1	1.315	0.133	1.029	14	1050	BK/3-OE STRIPES	219
632007	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1	1.315	0.133	1.029	14	1050	BK/3-BE STRIPES	219
631244	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1	1.315	0.133	1.029	14	1050	BK	219
632321	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1	1.315	0.133	1.029	14	1050	GY	219
633273	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1.25	1.66	0.14	1.36	18	1420	GY	297
632344	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1.25	1.66	0.14	1.36	18	1420	BK	297
632345	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1.5	1.9	0.145	1.59	21	1700	BK/3-RD STRIPES	354
631013	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	1.5	1.9	0.145	1.59	21	1700	BK	354
633531	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	2	2.375	0.154	2.047	26	2280	BK/3-OE STRIPES	475
632112	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	2	2.375	0.154	2.047	26	2280	OE	475
631245	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	2	2.375	0.154	2.047	26	2280	BK	475
633612	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	2.5	2.875	0.203	2.445	32	3615	GY	749
633070	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	2.5	2.875	0.203	2.445	32	365	RD	749
632173	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	3	3.5	0.216	3.042	39	4740	BK/3-RD STRIPES	981
TBA	EPEC 40 (SCHEDULE 40) WITH 1250 LB MULE TAPE	4	4.5	0.237	3.998	50	6745	OPTIONAL	1396

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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

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