

Aerial HDPE Conduit



Applications: Aerial environments. Used when rocky terrain makes buried duct difficult, or in plant/campus environments expecting frequent changes.

Installation method: Designed to be lashed to existing support strands.

Aerial HDPE is a nonmetallic flexible raceway manufactured from High Density Polyethylene (HDPE) with a carbon black additive to provide U.V. protection in aerial environments.

Aerial duct offers superior cable protection against damage caused by rodents, projectile objects such as rocks and gun pellets, and harsh weather conditions. And because of its strength and durability, it can withstand the expansion and contraction caused by seasonal weather changes.

- HDPE: ASTM 1248 Type III
Grade P34
Category 5 Class C
- Ultraviolet: Minimum 2% carbon black

Aerial Options

- Sizes 1" – 2"
- Wall Type: SDR 13.5, SDR 11, and corrugated
- Factory installed tape
- Solidwall or corrugated
- Pre-lubricated option
- Sequentially marked footage



Aerial Lashing:
Aerial Duct is lashed to existing cable support wire using cable lashing equipment.

Custom Orders

- * Custom Orders are not returnable
- * Custom lengths are available in minimum order quantities specified on page 294

How to Build a Part Number:

| Product | Size | Type | Wall | Options | Splits | Color | Stripes | Tape | Length |
|------------|---|---|---|---------------------------|---|-----------|-----------|---|----------------------------|
| E = Aerial | 5 = 1" 6 = 1-1/4" 9 = 1-1/2" 13 = 2" | B = Smooth Out/Ribbed In C = Smooth/Smooth D = Corrugated | 2 = None - Corr 6 = SDR 11 9 = SDR 13.5 | N = None D = Lube Duct | 1 = 1 Way Single 2 = 2 Way Partitioned 3 = 3 Way Partitioned 4 = 4 Way Partitioned 5 = 2 Way Parallel 6 = 3 Way Parallel 7 = 4 Way Parallel | A = Black | NN = None | A = Empty B = 1130 lbs. Polyester Tape C = 1250 lbs. Polyester Tape D = 1500 lbs. Polyester Tape E = 1800 lbs. Polyester Tape J = 2500 lbs. Polyester Tape T = 1250 lbs. Poly Metric Tape | 1500 (Equals 1500 Feet) |



Strand

- 6.6M 1/4" Extra high strength strand
Class A galvanized with flooding compound
- 10.0M 3/8" Extra high strength strand
Class A galvanized with flooding compound

Applications: Aerial environments. Used when rocky terrain makes buried duct difficult, or in plant/campus environments expecting frequent changes.

Installation method: Attaches directly to pole using a 3-bolt mounting clamp.

Aerial Figure-8 Options

- Size 1 1/4"
- Wall Type: SIDR 9 True
- 6.6M or 10.0M strands
- Factory installed tape
- Pre-installed Cable-In-Conduit
- Ribbed or smooth interior walls
- Pre-lubricated option
- Sequentially marked footage

HDPE Aerial Figure-8 is a nonmetallic flexible raceway with a Class A galvanized support strand. It's manufactured from High Density Polyethylene (HDPE), which contains a carbon black additive to provide U.V. protection in aerial environments.

Figure-8 duct offers superior cable protection against damage caused by rodents, projectile objects such as rocks and gun pellets, and harsh weather conditions with a one-step installation process. And because of its strength and durability, it can withstand the expansion and contraction caused by seasonal weather changes.

- HDPE: ASTM 1248 Type III
Grade P34
Category 5 Class C
- Ultraviolet: Minimum 2% carbon black
- Product Weight:

| | |
|----------------|-------------|
| 6.6M Figure 8 | .429 lbs/ft |
| 10.0M Figure 8 | .507 lbs/ft |
- Spans/Tensile Strength:

| | |
|---------------|-------------|
| 6.6M: 225 ft. | 6740 lbs. |
| 10M: 500 ft. | 15,400 lbs. |



Aerial Hanging: Figure-8 Duct has a choice of two integrated mounting strands that attach directly to poles using 3-bolt mounting clamps, and Carlon stripping/cutting tools.

Custom Orders

- * Custom Orders are not returnable
- * Custom lengths are available in minimum order quantities of 1000 ft. or min. set up charge

How to Build a Part Number:

| Product | Size | Type | Wall | Options | Splits | Color | Stripes | Tape | Length |
|---|------------|---|------------------|---------------------------|---------------------|-----------|-----------|---|----------------------------|
| S = Figure 8 - 6.6mm T = Figure 8 - 10mm | 6 = 1-1/4" | B = Smooth Out/Ribbed In C = Smooth/Smooth | 37 = SIDR 9 True | N = None D = Lube Duct | 1 = 1 Way Single | A = Black | NN = None | A = Empty B = 1130 lbs. Polyester Tape C = 1250 lbs. Polyester Tape D = 1500 lbs. Polyester Tape E = 1800 lbs. Polyester Tape J = 2500 lbs. Polyester Tape T = 1250 lbs. Poly Metric Tape | 2500 (Equals 2500 Feet) |

NOTE: Standard Lengths 2500 ft. and 5000 ft.