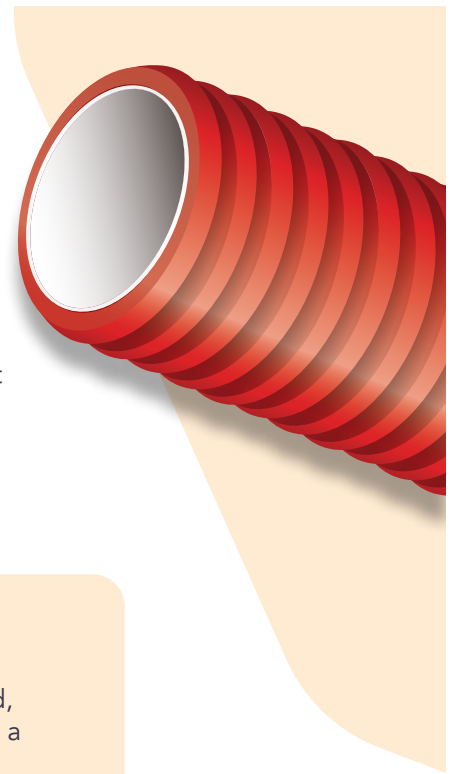


SPECIALTY

POWERGUARD® FLEX



- ▶ PowerGuard® Flex is listed to CSA C22.2 NO.327 for electrical applications
- ▶ PowerGuard® Flex is made of HDPE compound with a minimum cell classification of PE334420C or E in accordance with ASTM D3350
- ▶ Suitable for use with low and medium voltage cables
- ▶ Can be installed underground everywhere CSA certified PVC conduit or duct can be installed
- ▶ Unlike PVC duct, PowerGuard® Flex HDPE conduit is extruded in continuous lengths allowing for installation by open trench and plowing in a continuous length with minimal glued joints

- ▶ **Flexible:** Reduces/eliminates sweeps and bends
- ▶ **Crush resistant:** Equivalent to Schedule 40 or Type DBII PVC
- ▶ **Lightweight:** Easier installation, 40% lighter than PVC
- ▶ **Compatibility:** Easily adapts to other conduit materials
- ▶ **Glueless Coupling:** The gasketed, air- and water-tight coupler offers a quick and safe assembly
- ▶ **Low COF:** Longer cable pulls with lower cable stress

SIZE RANGE AVAILABLE

103mm/4.00"

INSTALLATION TYPES

Underground
Direct Bury
Concrete Encasement
Plow

STANDARD COLOURS

Outer Wall
Inner Wall

STANDARD

SPECIFICATIONS PowerGuard® Flex is registered to standard CSA C22.2 no.327 HDPE Conduit, conductors in conduit and called out in the Canadian Electrical Code

POWERGUARD® FLEX comes standard with a red outer wall and white inner wall

PACKAGED in convenient 250' coils/3 coils per pallet and longer continuous lengths on reels

OPTIONS

THREE KIT OPTIONS available for joining PowerGuard® Flex

1. **POWERGUARD® FLEX COUPLER KIT** joins PowerGuard® Flex to PowerGuard® Flex
2. **POWERGUARD® FLEX ADAPTER KIT** joins PowerGuard® Flex to HDPE, PVC, FRE, and TGS
3. **POWERGUARD® FLEX ADAPTER KIT** joins PowerGuard Flex to Type DBII PVC

FEATURES

POWERGUARD® FLEX TECHNICAL SPECIFICATIONS

SIZE	OD MIN-MAX (MM)	ID MIN - MAX (MM)	INNER WALL		OUTER WALL		BEND RADIUS (MM)
			AVG. WALL THICKNESS INNER WALL (MM)	WALL THICKNESS TOLERANCE +/- (MM)	AVG. WALL THICKNESS (MM)	WALL THICKNESS TOLERANCE +/- (MM)	
103mm / 4.00"	119.9 - 120.7	100.3 - 101.1	0.69	0.25	0.84	0.18	406

POWERGUARD® PACKAGING

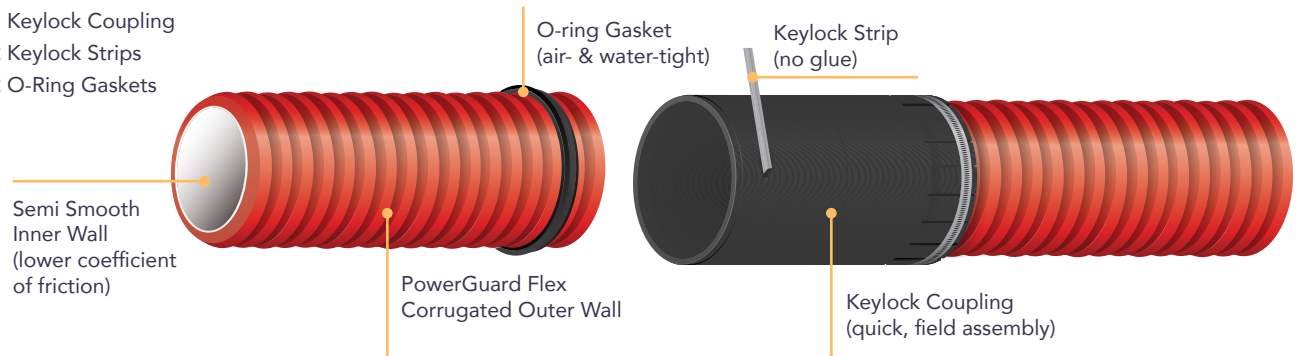
SIZE	LENGTH (M/FT)	PACKAGING
103mm / 4.00"	76.2 / 250' Coil	Coil
103mm / 4.00"	365.8 / 1,200'	102" Reel

1. POWERGUARD® FLEX COUPLER KIT

PowerGuard® Flex to PowerGuard® Flex

each kit includes:

- 1 Keylock Coupling
- 2 Keylock Strips
- 2 O-Ring Gaskets

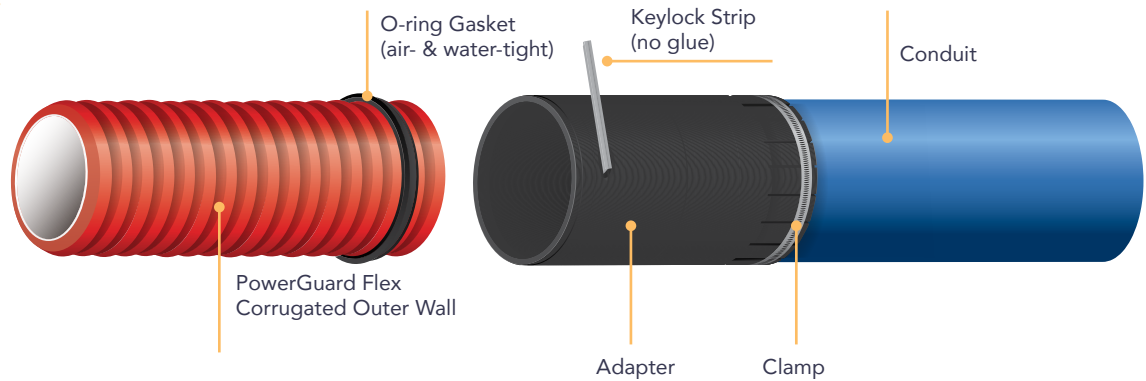


2. POWERGUARD® FLEX ADAPTER KIT

(PowerGuard® Flex to HDPE, PVC, FRE, Threaded Galvanized Steel)

each kit includes:

- 1 Adapter
- 1 Keylock Strip
- 1 O-Ring Gasket



3. POWERGUARD FLEX ADAPTER KIT

(PowerGuard Flex to DB2 PVC)

each kit includes:

- 1 Adapter
- 1 Keylock Strip
- 1 O-Ring Gasket

