

PRODUCT INTRODUCTION

Electroline®'s Liquid Tight Flexible Nonmetallic Conduit, PLFNCB series is LFNC - B conduit type and made of thermoplastic polyvinyl chloride (PVC) with smooth inside and outside surface. The material is compliant with RoHS requirement and featured to resist UV, age and oil. The whole size range is certified by UL laboratory according to UL 1660 standard. A reinforce member is embedded in the conduit wall to offer the performance of self-support and crush resistance. This series of flexible conduit is qualified to meet with the wiring demand of NEC electric code and in light weight. The best efficiency of water proof for whole wiring system is able to achieve by connected with the liquid-tight non-metallic fitting series.

Electroline® PLFNCB series is IP 68 rated when fitted with our UL Listed non-metallic connector series P50. It is fire retardant and UV resistant. Its grey color with medium flexibility.

Widely used in HVAC, Power Plants, Renewable Energy, Rail / Transit, Tunnel, Ship Building, Wastewater Treatment, etc.

Material:

Thermoplastic Polyvinyl Chloride (PVC)

Temperature Range:

UL : -18°C~+80°C Dry, 60°C Wet, 70°C Oil

cUL : -18°C~+80°C Dry, 60°C Wet, 70°C Oil

Compliance:

UL1660

Certification:

UI File #: E361947



DIMENSION AND WEIGHT CHART

Part Number	Nominal Conduit Size (mm)	Nominal Conduit Size (inch)	ID (mm)	OD (mm)	Bending Radius (mm)	Package/Roll (ft/m)	Measurement (LxWxH mm)
E-EFN-3/8-UL	12	3/8	12.29~12.80	17.53~18.03	51.00	100 / 30.50	380*380*130
E-EFN-1/2-UL	16	1/2	15.80~16.31	20.83~21.34	72.50	100 / 30.50	380*380*180
E-EFN-3/4-UL	21	3/4	20.83~21.34	26.16~26.67	108.00	100 / 30.50	460*460*180
E-EFN-1-UL	27	1	26.44~27.08	32.77~33.40	165.00	100 / 30.50	550*550*210
E-EFN-1 1/4-UL	35	1 1/4	35.05~35.81	41.40~42.16	203.00	100 / 30.50	720*720*220
E-EFN-1 1/2-UL	41	1 1/2	40.01~40.64	47.37~48.26	228.50	50 / 15.25	600*600*200
E-EFN-2-UL	53	2	51.31~51.94	59.44~60.33	282.00	50 / 15.25	850*850*200

