

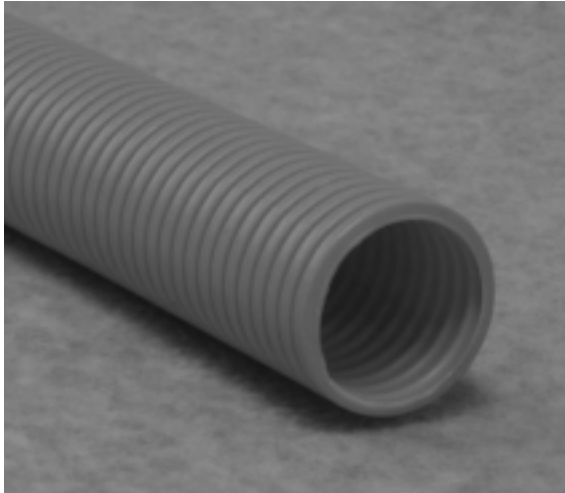
DURATHANE®/RISER

RISER RATED CORRUGATED CONDUIT

Specialty Conduit

PREMISE CONDUIT

January 2009



Riser Rated Corrugated Conduit

Features & Benefits

- Available in industry standard orange color for easy identification.
- Rugged corrugated design is flexible, light weight yet provides excellent crush resistance.
- UL listed designed for riser applications per NEC articles 770 & 800 and UL standard 2024.
- 1", 1-1/4", 1-1/2" and 2" to accommodate your specific fiber cable diameter.
- Sequential footage markings and product identification printed every 2 feet.
- Standard lengths ranging from 250' coils to 5000' reels.

GENERAL INFORMATION

Durathane® / Riser is ideally suited for use as a nonmetallic flexible raceway for protecting and organizing optical fibers in riser applications. Durathane / Riser is listed by Underwriters Laboratory (UL) 2024 for use with riser or general purpose optical fiber cables per National Electric Code (NEC) article 770 or communication cables per article 800.

Also available with Canadian — cUL listing meeting or exceeding the requirements for FT-4. Please request the cUL listing at the time of quotation and note on the purchase order. This will assure the material is marked appropriately with the cUL designation.

FAST AND EFFICIENT INSTALLATION

Its lightweight flexible corrugated design makes it easy to install. The corrugations also assure excellent crush resistance for long term protection of delicate optical cables. The internal corrugations reduce surface contact between the inside wall of the conduit and the cable jacket lowering friction protecting the cable from high tensile stress during installation. Durathane® / Riser is available with Bull-Line® pull tape factory installed, saving installation steps and lowering installation costs.

KEY PROPERTIES FOR DURATHANE® / RISER PER UL 2024

Description	Test Method	Requirement	Value
Maximum Flame Propagation	UL 2024, 11.1.2a	12.00 Feet	Passed
Max Temp. at 12 Ft.	UL 2024, 11.1.2b	≤ 850°F	Passed

NOTE: Store indoors only.

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CONDUIT SPECIFICATIONS

- Made in accordance with UL 2024 meeting or exceeding the flame requirements for riser or general purpose applications.
- Material Properties in accordance with ASTM D 4216.
- Available with Bull-Line pull tape installed.
- Standard Markings: Durathan Riser, (UL listed), (diameter), (run code), (date), (footage markings)
- Standard color is a pastel yellow.
- Designed for use with riser rated cables.

DIMENSIONAL AND WEIGHT TABLE

Nominal Size	Average OD	Minimum OD	Wt./Ft. (lbs.)	Bend Radius
1"	1.315"	1.000"	.143	6"
1-1/4"	1.630"	1.250"	.178	8"
1-1/2"	1.875"	1.500"	.206	10"
2"	2.375"	2.000"	.258	12"

UL Listed Couplers & Terminal Adapters**Couplers
Riser Rated**

KPRC100	1.00"	Riser Rated Fits Nominal ODs 1.30"-1.35"	50/case
KPRC125	1.25"	Riser Rated Fits Nominal ODs 1.55"-1.64"	30/case
KPRC150	1.50"	Riser Rated Fits Nominal ODs 1.80"-1.90"	30/case
KPRC200	2.00"	Riser Rated Fits Nominal ODs 2.25"-2.38"	20/case

**Terminal Adapters
Riser Rated**

KRTA100	1.00"	Riser Rated Fits Nominal ODs 1.30"-1.35"	50/case
KRTA125	1.25"	Riser Rated Fits Nominal ODs 1.55"-1.64"	30/case
KRTA150	1.50"	Riser Rated Fits Nominal ODs 1.80"-1.90"	30/case
KRTA200	2.00"	Riser Rated Fits Nominal ODs 2.25"-2.38"	20/case

NOTE: A-D Technologies has made every attempt to assure that the information contained in this product bulletin is accurate. The information supplied may change without notice. This information is intended to inform the reader of the typical characteristics of the pipe and accessories that are described and should not be considered complete with regard to design considerations. Contact a representative regarding any questions about this document and to determine if the information contained within is current.

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