



**Our Tamaqua
Ducted Systems
help reduce
installation costs**

Manufactured By
Draka Cableteq USA
Schuylkill Haven, PA

**For More
information
Contact Us
888-520-1200**

CABLE IN CONDUIT (C I C)

Ducted systems provide extra mechanical protection for cable in direct buried applications during installation and for the long term. It is used for utilities (primary and secondary distribution), highway lighting, airport lighting, parking lots and sports complexes as well as telephone and CATV.

Ducted systems also offer physical and corrosive protection from the underground elements as well as ease of cable replacement. **THE DUCT CAN BE PRE-INSTALLED** with individual wires, coax, fiber optic, power and control or airport lighting cables.

The duct is composed of high density polyethylene. Sizes range from ½ inch (13mm) to 3 inch (76mm) and are manufactured in accordance with NEMA Standards Publication #TC7 and ASTM D3485. If a more rugged duct is required in the smaller diameters, Schedule 40 dimensions in ASTM D2447 are used. This material is tested in accordance with ASTM D3350.

Draka Cableteq's Tamaqua **PLUS I** and **PLUS II Duct Systems** have intermediate wall thickness that lie between ASTM D3485 (TC7) and ASTM D2447 (Schedule 40).

For NEC and non NEC underground applications, Tamaqua Ducts have been subjected to requirements detailed in UL 1990, Non-Metallic Underground Conduit with Conductors and subsequently UL listed for a range of products.

For specifications, consult the factory

TC 7 Duct

Size (inches)	NOM I.D. (inches)	NOM Wall (inches)	NOM O.D. (inches)	Weight (Kft/Klbs)	Crush (Klbs/Kft)	Max. Rec. Pull (Tension force lbs)
1.00	1.145	0.085	1.315	147	375	550
1.25	1.440	0.110	1.660	236	530	600
1.50	1.650	0.125	1.900	305	625	1608
2.00	2.065	0.155	2.375	476	750	3187
2.50	2.449	0.213	2.875	772	NA	NA
3.00	3.048	0.226	3.500	1005	NA	NA

Schedule 40 Duct

Size (inches)	NOM I.D. (inches)	NOM Wall (inches)	NOM O.D. (inches)	Weight (Kft/Klbs)	Crush (Klbs/Kft)	Max. Rec. Pull (Tension force lbs)
1.00	1.029	0.143	1.315	228	1200	1000
1.25	1.360	0.150	1.660	308	1110	1100
1.50	1.590	0.155	1.900	367	1025	2611
2.00	2.047	0.164	2.375	500	850	3634
2.50	2.445	0.215	2.875	778	1351	NA
3.00	3.042	0.229	3.500	1015	1495	NA