

# ANACONDA SEALTITE® conduit type H.T.D.L.

**H.T.D.L.: UL & CSA, wide temperature range**



Type H.T.D.L. is the most used Anaconda Sealtite® conduit with integral grounding copper wire (till 1.1/4"). The H.T.D.L. is UL & CSA approved and has a wide temperature range. Because of the integrated copper grounding wire the H.T.D.L. also offers a fine EM/EMP shielding, which makes it useable for applications where a high degree of electrical continuity is required. The H.T.D.L. perfectly suited for machines and installations that will be exported to countries outside Europe. You will find type H.T.D.L. in transformers, paper-recycling machinery, internal transport, trains, airtraffic-control, UMTS systems, machine-, paper- and apparatus-building industry.



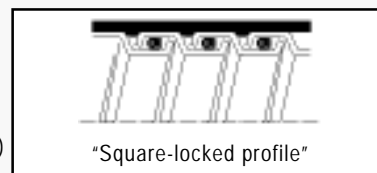
**Construction :** Galvanized steel core, square-locked with integral copper grounding wire, thermoplastic cover (PVC compound) .  
From 1 1/2" a fully interlocked profile will be used.

**Cover specifications:** PVC, sunlight and UV resistant, suitable for outside installation. The cover is good resistant against oil and greases.

**Special approvals :** UL-360 (file #E18917) and CSA 22.2 (file 63790 / 15275)

**Temperature :** -45°C to +105°C, intermittent up to +120°C.  
Max. temperature according CSA is +75°C.

**Colour :** Black.



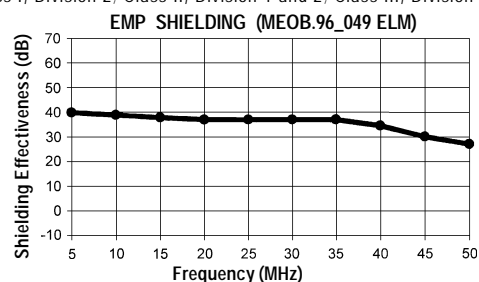
Trade size HTDL	Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>Fittings</b>	<b>ISO</b>	-	-	M16/M20	M20	M25	M32	M40	M50	M63	-	-
	<b>PG</b>	-	-	11/13,5	16	21	29	36	42	48	-	-
	<b>NPT</b>	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	-	-

<b>Inside diameter</b>	mm	-	-	12,6	16,1	21,1	26,8	35,4	40,3	51,6	-	-	
<b>Outside diameter</b>	mm	-	-	17,8	21,1	26,4	33,1	41,8	47,8	59,9	-	-	
<b>Bending radius (centerline)</b>	<b>static</b>	mm	-	-	70	90	115	145	175	205	240	-	-
	<b>dynamic</b>	mm	-	-	85	110	140	170	215	250	300	-	-
<b>Standard carton</b>	m	-	-	60	60	45	30	15	15	15	-	-	
<b>Article No. black</b>		-	-	330.012.2	330.016.2	330.020.2	330.026.1	330.035.1	330.040.1	330.050.1	-	-	
<b>Small carton</b>	m	-	-	10	10	10	10	-	-	-	-	-	
<b>Article No. black</b>		-	-	330.012.3	330.016.3	330.020.3	330.026.3	-	-	-	-	-	
<b>Reels</b>	m	-	-	150	150	120	90	60	45	30	-	-	
<b>Article No. black</b>		-	-	330.012.5	330.016.5	330.020.5	330.026.5	330.035.5	330.040.5	330.050.5	-	-	

Sealtite type H.T.D.L.	Value	Description
EN 50086 Classification		
Compression resistance	4	Heavy (1250 N)
Impact resistance	4	Heavy (6 J)
Minimum temperature	5	-45°C
Maximum temperature	3	+105°C
Bending resistance	4	Flexible
Electrical properties	3	With continuity and insulating characteristics
Resistance to ingress of solid foreign objects (I)	6	Protected against dust (dustproof)
Resistance to ingress of water (P)	7	Watertight (1 meter deep, 30 min.)
Corrosion resistance inside / outside	3	Medium / High
Tensile strength	4	Heavy (1000 N)
Resistance to flame propagation	1	Non-flame propagating
Suspended load capacity	0	None declared

Special remarks:

- \* Dynamic values for size 1 1/2" and bigger, only valid for circumstances above 0°C.
- \* With exception of the sizes 2 1/2" and 3" all items are stock item, please notice for larger volumes a delivery time of 3 till 4 weeks. The bigger sizes 2 1/2" and bigger have a delivery time of 6 till 8 weeks.
- \* Approved as earthconnector if length is max. 1,5 meter (see UL 360)
- \* Complies with NEC sect. 351 A.
- \* Suitable to use in hazardous environments according NEC 501-4B Class I, Division 2; Class II, Division 1 and 2; Class III, Division 1 and 2.



The suitable fittings and accessories for Sealtite type H.T.D.L are mentioned on pages 34 till 47.