Technical Datasheet



NUMBER

TDS-3562

PRODUCT DESCRIPTION

Type HTUA Grey

PRODUCT RANGE

UL and CSA approved flexible conduit



ROBUST, UL & CSA APPROVED, HEAVY DUTY, WIDE TEMPERATURE RANGE

Type HTUA is a robust conduit with a galvanised steel core and a thick, smooth PVC cover. An integral grounding copper wire (till 1.1/4") provides a high level of EMI / EMP shielding for cables that require a high degree of electromagnetic protection. Type HTUA is UL approved , but also CSA HEAVY DUTY approved, making HTUA suitable for use in hazardous locations per NEC and CEC. Used to protect cables on transformers, generators, motors, actuators, valves, machinery, equipment, enclosures and installations exported to countries outside, but also inside Europe.

Material & Construction:

Construction: Hot dipped galvanised steel core, square locked with integral copper grounding wire till 1.1/4", thick smooth thermoplastic cover (PVC compound).

Cover specifications: High and low temperature resistant PVC (lead-free acc. to RoHS), sunlight and UV resistant, suitable for outside installation. The cover is good resistant against oil and grease.

Special approvals: UL-360 (file # E18917) and CSA C 22.2 HEAVY DUTY (file # 63790 / 158897).

Applicable for NEC Article 250.118 (6), 350, 300.22 (D), 620.21 and 645.5 (E) (2).

Suitable for use in hazardous environments according to NEC:

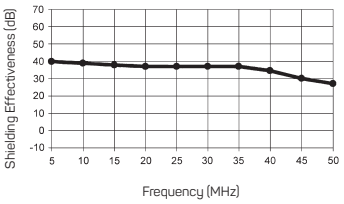
- Article 501.10 (B) (2) Class I, Division 2
- Article 502.10 (A) (2) and (B) (2) Class II, Division 1 and 2.
- Article 503.10 (A) (3) and (B) Class III, Division 1 and 2.

CSA approved HEAVY DUTY, suitable for use in hazardous environment according to CEC section 18: Zone 2 per 18-152 1(h), Zone 21 per 18-202 4(a), Zone 22, per 18-252 1(h).

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

Colour: Grey.

EMP shielding (MEOB.96_049 ELM)





Square locked from 3/8" - 1.1/4"



Inter locked for size 1/2" - 4"

SEALTITE	DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL		WEIGHT
Size (inch)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)
3/8"	12,6	17,8	70	85	30	312.512.1*	-	-	-	-	0,4
1/2"	16,1	21,1	90	110	30	312.516.1-HD	-	-	-	-	0,45
3/4"	21,1	26,4	115	140	30	312.520.1-HD	-	-	-	-	0,65
1"	26,8	33,1	145	170	30	312.526.1-HD	-	-	-	-	1,05
1.1/4"	35,4	41,8	175	215	15	312.535.1-HD	-	-	-	-	1,2
1.1/2"	40,3	47,8	205	250	15	312.540.1-HD	-	-	-	-	1,5
2"	51,6	59,9	240	300	15	312.550.1-HD	-	-	-	-	2,3
2.1/2"	63,3	72,6	280	375	15	312.563.1-HD	-	-	-	-	2,8
3"	78,4	88,4	425	530	7,5	312.575.1-HD	-	-	-	-	3,7
4"	102,1	113,8	490	600	7,5	312.599.1-HD	-	-	-	-	4,9

* Size 3/8" is UL and CSA approved but not HEAVY DUTY rated due to exclusion from the standard

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