

## NUMBER

# TDS-3610

## PRODUCT RANGE

ANACONDA SEALTITE SPECIAL

## PRODUCT DESCRIPTION

TYPE SS-ZHUA BLACK



Square lock profile from size 3/8" till 1"



Interlock profile for size 1-1/4" till 2"

SEALTITE Size (inch)	DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		WEIGHT (kg/m)
	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No.	
3/8"	12,6	17,8	70	85	30	334.412.1	0,40
1/2"	16,1	21,1	90	110	30	334.416.1	0,45
3/4"	21,1	26,4	115	140	30	334.420.1	0,65
1"	26,8	33,1	145	170	30	334.426.1	1,05
1-1/4"	35,4	41,8	175	215	15	334.435.1	1,20
1-1/2"	40,3	47,8	205	250	15	334.440.1	1,50
2"	51,6	59,9	240	300	15	334.450.1	2,30

## APPLICATION AREA

Anaconda Sealtite Special type SS-ZHUA is a robust conduit with a superior corrosion resistant AISI-316 stainless steel core and a thick, smooth TPU cover. This type is UL listed and is used to protect cables on public transportation industry, airport, tunnels and (subway) stations, oil & gas industry and installations exported to countries outside, but also inside Europe.

## MATERIAL & CONSTRUCTION:

**Construction:** Stainless steel AISI-316 core, square lock profile with a cotton cord packing from size 3/8" till 1", interlocked profile without cord packing from size 1-1/4" till 2", thick smooth TPU cover.

**Cover specifications:** V0-rated Thermoplastic Polyurethane, lead-free, sunlight and UV resistant, suitable for outside installation.

**Temperature:** -50 °C till +105 °C., intermittent up to +125 °C. Approved for UL from -40 °C till +80 °C.

**Colour:** Black

## CLASSIFICATION ACC. TO NEN-EN-IEC 61386:

**Compression resistance:** Class 4, Heavy (1250 N)

**Impact resistance:** Class 4, Heavy (6J)

**Tensile strength:** Class 4, Heavy (1000 N)

**Protection class:** IP 66 / 67 (dust-proof, water-tight)

## SPECIAL APPROVALS:

UL-360 approved DXHR.E18917, NEC Article 350, NFPA 79 (2021 Edition) Section 13.5.4 LFM C

Compliant with NEC Articles:

300.22 (D) Information Technology Equipment.

250.102, 250.118(5)(f) and 250.134(B) Equipment Grounding.

Suitable for hazardous locations per NEC articles

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

350 Liquid tight Flexible Metal Conduit (LFMC)

645.5 (E) (2) Under raised floors

EN 45545-2: R22 (interior equipment) class HL1 and HL2



R23 (exterior equipment) class HL1/HL2/HL3.

EN ISO 11925-2: passes the Allumability test at 30 sec.

**Flame property tests:** Official tests (VTEC Laboratories Inc.)

indicate that the Polyurethane used in SS-ZHUA meets the requirements for NFPA 130, ASTM E162, ASTM E662 and BSS7239.



All our products are compliant to  

## Issued by:

Peter Rövekamp  
Product Manager

## Approved by:

Rob Guichelaar  
Technical Manager

## Date:

11 April 2024

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