

**Sealtite AS black:  
Robust & Anti-Static.**



The conduit Sealtite AS has been developed for all those applications in ATEX areas at risk of explosion, where the use of a conduit, coated with anti-static material is necessary. Using AS conduit, the possibility of electrostatic charges accumulating on the surface is excluded. Thus there will be no formation of sparks in the case of discharge by contact.

**Material & Construction:**

**Construction:** Galvanised steel core, square-locked with cord packing, thick smooth thermoplastic cover (PVC compound).

From 1.1/2" a fully inter-locked profile will be used.

**Cover specifications:** Anti-Static PVC, lead-free according to RoHS, sunlight and UV resistant, suitable for outdoor use and burial installation.

**Anti-Static performance:** Surface resistance < 10<sup>9</sup> Ohm, meeting the requirements of standard NEN-EN-IEC 60079-0, section 26-13.

**Temperature:** -25 °C to +70 °C, intermittent up to +90 °C.  
**Colour:** Black.

**Classification according NEN-EN-IEC 61386:**

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

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

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

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



Square locked

**ANACONDA  
SEALTITE®  
SPECIAL**

**CONDUIT  
TYPE AS  
BLACK**

Sealtite	Diametre		Bending radius		Standard carton		Small carton		Reels		Weight (Kg/m)	
	Size (Inch)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No.	Metre	Article No.	Metre		Article No.
						<b>Black</b>			<b>Black</b>		<b>Black</b>	
3/8"	12,6	17,8	60	85	30	350.012.1	-	-	-	-	-	0,3
1/2"	16,0	21,1	75	110	30	350.016.1	-	-	-	-	-	0,4
3/4"	21,0	26,4	90	140	30	350.020.1	-	-	-	-	-	0,6
1"	26,5	33,1	120	170	30	350.026.1	-	-	-	-	-	0,8
1.1/4"	35,1	41,8	150	215	15	350.035.1	-	-	-	-	-	1,1
1.1/2"	40,3	47,8	200	250	15	350.040.1	-	-	-	-	-	1,5
2"	51,6	59,9	250	300	15	350.050.1	-	-	-	-	-	2,0

The IECEx-ATEX fittings for Sealtite AS are outlined in the next pages of the chapter. Also the standard Anaconda nickel plated brass fittings illustrated on chapter 5 can be used



Size Sealtite	Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Fittings	ISO	-	M16-M20	M16-M20	M20	M25	M32	M40	M50	M63	M75	M90	-
	PG	-	9 - 11	11 - 13,5	16	21	29	36	42	48	-	-	-
	NPT	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"



### Sealtite HFI blue:

Robust, halogen-free, very flexible, chemical resistant, good flame properties and extra corrosion resistant.

A halogen-free conduit for use in public areas. The features of the HFI cover are necessary in the field of environment and safety, as the European guidelines state that certain areas need to be free of halogens. The HFI has two unique features, that it is extremely flexible at both high as low temperatures and extra corrosion resistant because of the stainless steel inner hose. This makes the HFI very suitable for installations in the chemical and food-processing industry, but also in the off-shore, Oil & Gas, turbines, generators, valves, pressure control, metering, tunnels, train- and bus-building industry, in closed areas, airports and (subway) stations, shipbuilding industry and navy. The blue colour is used in ATEX Exi applications. Type HFI is the solution for the combination of chemical resistance, absence of halogens and high corrosion resistance.



From 1 1/2" a fully inter-locked profile will be used.

**Cover specifications:** Polyurethane, lead-free according to RoHS, sunlight and UV resistant, suitable for outside installation. The cover is resistant against oil and grease.

**Temperature:** -55 °C to +105 °C, intermittent up to +125 °C.

**Colour:** Blue (also available in black).

#### Classification according NEN-EN-IEC 61386:

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

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

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

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

#### Material & Construction:

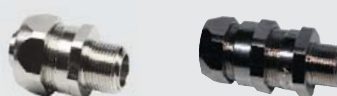
**Construction:** Stainless steel (AISI-304) core, square-locked with cord packing, thick smooth thermoplastic cover (Polyurethane).



Square locked

Sealtite	Diameter		Bending radius		Standard carton		Small carton		Reels		Weight (Kg/m)
	Size (Inch)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No.	Metre	Article No.	Metre	
3/8"	12,6	17,8	60	85	30	339.212.1	-	-	-	-	0,3
1/2"	16,0	21,1	75	110	30	339.216.1	-	-	-	-	0,4
3/4"	21,0	26,4	90	140	30	339.220.1	-	-	-	-	0,6
1"	26,5	33,1	120	170	30	339.226.1	-	-	-	-	0,8
1.1/4"	35,1	41,8	135	215	15	339.235.1	-	-	-	-	1,1
1.1/2"	40,3	47,8	165	250	15	339.240.1	-	-	-	-	1,5
2"	51,6	59,9	210	300	15	339.250.1	-	-	-	-	2,0

The IECEx-ATEX fittings for SealTite HFI are outlined in the next pages of the chapter. Also the standard Anaconda stainless steel fittings illustrated on chapter 5 can be used.



Size SealTite	Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Fittings	ISO	M12-M16	M16-M20	M16-M20	M20	M25	M32	M40	M50	M63	M75	M90	M105
	PG	7	9 - 11	11 - 13,5	16	21	29	36	42	48	-	-	-
	NPT	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"