ANACONDA SEALTITE® conduit type E.F.

E.F.: Universal

RoHS

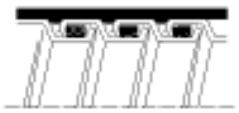
Type E.F. is the most universal applicable Anaconda Sealtite® conduit. The E.F., with it's leadfree cover, is meant for applications where no extreme external parameters have influence on the conduit and therefore E.F. can be used in many areas. The E.F. is, among others, being used in the apparatus- and machinebuilding, panelbuilding, packagingmachines, machines for the paper-recycling industry, machines for the farmacindustry and other internal transport-systems.

Construction : Galvanized steel core, square-locked with cord packing, thermoplastic cover (PVC / leadfree compound for the size 1/4" till 1 1/4"). From 1 1/2" a fully inter-locked profile will be used. From 2 1/2" the conduit will have UL approval (type EFST/UA).

Cover specifications : PVC, for the sizes 1/4" till 1 1/4" leadfree according RoHS, sunlight and UV resistant, suitable for outside and burial installation.

Temperature : -25ºC to +70ºC, intermittent up to +90ºC.

Colour : Grey & black (black is recommended for outside installation).



"Square-locked profile"

Trade size EF		Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Fittings		ISO	M12	M16/M20	M16/M20	M20	M25	M32	M40	M50	M63	M75	M85
		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"
Inside diameter		mm	6,4	10,1	12,6	16,0	21,0	26,5	35,1	40,3	51,6	63,3	78,4
Outside diameter		mm	11,5	14,4	17,8	21,1	26,4	33,1	41,8	47,8	59,9	72,6	88,4
Bending radius	static	mm	40	50	60	75	90	120	135	165	210	280	425
(centerline)	dynamic	mm	50	65	85	110	140	170	215	250	300	360	520
Standard carton		m	50	50	75	60	50	30	30	15	15	7,5	7,5
Article No. grey			311.006.1	311.010.1	311.012.1	311.016.1	311.020.1	311.026.1	311.035.1	311.040.1	311.050.1	311.063.1	311.075.1
Article No. black			315.006.1	315.010.1	315.012.1	315.016.1	315.020.1	315.026.1	315.035.1	315.040.1	315.050.1	315.063.1	315.075.1
Small carton		m	-	10	10	10	10	10	-	-	-	-	-
Article No. grey			-	311.010.3	311.012.3	311.016.3	311.020.3	311.026.3	-	-	-	-	-
Article No. black			-	315.010.3	315.012.3	315.016.3	315.020.3	315.026.3	-	-	-	-	-
Reels		m	-	-	250	150	120	90	60	45	22	-	-
Article No. grey			-	-	311.012.5	311.016.5	311.020.5	311.026.5	311.035.5	311.040.5	311.050.5	-	-
Article No. black			-	-	315.012.5	315.016.5	315.020.5	315.026.5	315.035.5	315.040.5	315.050.5	-	-

Sealtite type E.F. EN 50086 Classification	Value	Description
Compression resistance	4	Heavy (1250 N)
Impact resistance	4	Heavy (6 J)
Minimum temperature	4	-25°C
Maximum temperature	1+	+70°C
Bending resistance	4	Flexible
Electrical proporties	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:

* RoHS is related to the new European directive with regards to lead, cadmium etc. which under specific circumstances applies for conduits.
* 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.
* Reels only available on demand.
* Bigger sizes 4" till 6" available on demand.

The suitable fittings and accessories for Sealtite type E.F. are mentioned on pages 34 till 47.