



Sealtite HC black: Robust, wide temperature range.

Sealtite HC is a robust conduit designed to protect cables in applications where extreme temperature fluctuations occur. The conduit is typically used in train warning systems, transformers, woodcutting machines, sewing machines, security systems in energy plants, and the chemical, ceramic and construction industries.

Material & Construction:

Construction: Galvanised steel core, square-locked with cord packing, thick smooth thermoplastic cover (PVC compound). Size 1/4" and from 1.1/2" up to 4", a fully inter-locked profile is used.

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

Temperature: -45 °C to +105 °C, intermittent up to +120 °C.

Colour: Black.

Classification according to 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

Sealtite	Diameter		Bending radius		Standard carton		Small carton		Reels		Weight
Size	Inside	Outside	Static	Dynamic	Metre	Article No.	Metre	Article No.	Metre	Article No.	(Kg/m)
(Inch)	(mm)	(mm)	(mm)	(mm)		Black		Black		Black	
1/4"	6,4	11,5	40	50	50	317.006.1	-	-	-	-	0,2
5/16"	10,1	14,4	50	65	50	317.010.1	10	317.010.3	-	-	0,2
3/8"	12,6	17,8	60	85	75	317.012.1	10	317.012.3	250	317.012.5	0,3
1/2"	16,0	21,1	75	110	60	317.016.1	10	317.016.3	150	317.016.5	0,4
3/4"	21,0	26,4	90	140	50	317.020.1	10	317.020.3	120	317.020.5	0,6
1"	26,5	33,1	120	170	30	317.026.1	10	317.026.3	90	317.026.5	0,8
1.1/4"	35,1	41,8	135	215	30	317.035.1	10	317.035.3	60	317.035.5	1,1
1.1/2"	40,3	47,8	165	250	15	317.040.1	-	-	45	317.040.5	1,5
2"	51,6	59,9	210	300	15	317.050.1	-	-	30	317.050.5	2,0
2.1/2"	63,3	72,6	280	375	7,5	317.063.1	-	-	-	-	2,8
3"	78,4	88,4	425	530	7,5	317.075.1	-	-	-	-	3,7

* Also available with stainless steel innercore (see chapter 4, type HCI and HCI 316).

The fittings for Sealtite are outlined in chapter 5 (pages 1 till 29).



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"