

INDUSTRIAL FITTINGS - clips, clamps, ferrules

Band-It® banding assembly system

Band-It® banding assembly system is designed to attach a fitting to an industrial hose by tightening a steel band on the hose. Made of stainless or acid resistant steel, Band-It® system can be used in particularly heavy duty working conditions such as: very big mechanical loads, vibrations, fire hazard, corrosive environment, very high or low temperatures, UV radiation, application with special hygienic requirements.



Using special assembly tools the bands are fastened and locked with appropriate buckles to make a clamp of high durability and mechanical resistance. In order to select the band, take into account: external hose diameter, fitting type and dimensions (length of a „tail“, number of corrugations and distance between them) but also the working pressure of the hose assembly. Depending on all these parameters, one, two or three bands can be applied.




Band-It® Standard

A basic banding system utilizes reels of steel band that can be fastened to form clamps on hoses of any diameter (double band wrap is recommended). The ears of buckles protect the end of the band after folding. GIANT version for heavy duty application (for large diameter hoses - above 150 mm).

Assembly with BD-C07599, BD-C00189, BD-C00399 tools, for GIANT band - BD-G40299.

picture	code (AISI 201)	code (AISI 304)	code (AISI 316)	band width [inch]	strength [kG]			length [m]
					201	304	316	
	STANDARD							
	BD-C20299	-	BD-C40299	1/4	230	-	180	30.5
	BD-C20399	BD-C92399	BD-C40399	3/8	410	410	340	30.5
	BD-C20499	BD-C92499	BD-C40499	1/2	680	610	545	30.5
	BD-C20599	BD-C92599	BD-C40599	5/8	850	725	680	30.5
	BD-C20699	BD-C92699	BD-C40699	3/4	1020	910	820	30.5
	GIANT							
	BD-G43099	-	-	3/4	1500	-	-	30.5
	BD-G43199	-	-	1	2000	-	-	30.5
	BD-G43299	-	-	1.1/4	2500	-	-	30.5
	STANDARD							
	BD-C203Y	BD-C923Y	BD-C403Y	3/8	410	410	340	30.5
	BD-C204B	BD-C924B	BD-C404B	1/2	680	610	545	30.5
	BD-C205G	BD-C925G	BD-C405G	5/8	850	725	680	30.5
	BD-C206R	BD-C926R	BD-C406R	3/4	1020	910	820	30.5

picture	code (AISI 201)	code (AISI 304)	code (AISI 316)	band width [inch]	package [pcs]
	STANDARD				
	BD-C25299	BD-C95299	BD-C45299	1/4	100
	BD-C25399	BD-C95399	BD-C45399	3/8	100
	BD-C25499	BD-C95499	BD-C45499	1/2	100
	BD-C25599	BD-C95599	BD-C45599	5/8	100
	BD-C25699	BD-C95699	BD-C45699	3/4	100
	GIANT				
	BD-G44099	-	-	3/4	25
	BD-G44199	-	-	1	25
	BD-G44299	-	-	1.1/4	25

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Band-It® Junior






A banding system that comprises band in pieces preformed to make double wrap clamps with built-in buckles. The smooth band properly mounted on a smooth, uncorrugated hose ensures tight connection of a fitting which reduces leaks paths into a clamp itself. Assembly with BD-C00189 tool and BD-J00199 adapter.

picture	code (AISI 201)	code (AISI 316)	band width [inch]	band thickness [mm]	maximum diameter wrap [mm]	package [pcs]		
	BD-JS2409	-	1/4	0.51	20	100		
	BD-JS2429	-			25	100		
	BD-JS2419	-			34	100		
	BD-JS2529	-			38	100		
	BD-JS2539	-			50	100		
	BD-JS2209	-			63	100		
	BD-JS2569	-			69	100		
	BD-JS2449	-			76	100		
	BD-JS2579	-			88	100		
	BD-JS2589	-			101	100		
	BD-JS2599	-			114	100		
	BD-JS2019	BD-JS4019	3/8	0.64	20	100		
	BD-JS2439	-			25	100		
	BD-JS2029	BD-JS4029			34	100		
	BD-JS2459	BD-JS4459			50	100		
	BD-JS2219	BD-JS4219			63	100		
	BD-JS2469	-			76	100		
	BD-JS2559	BD-JS4559			88	100		
	BD-JS2489	BD-JS4489			101	100		
	BD-JS2039	BD-JS4039			25	100		
	BD-JS2049	BD-JS4049			31	100		
	BD-JS2319	-			38	100		
	BD-JS2369	-	44	100				
	BD-JS2379	BD-JS4379	1/2	0.76	50	100		
	BD-JS2339	BD-JS4339			63	100		
	BD-JS2309	-			69	100		
	BD-JS2349	BD-JS4349			76	100		
	BD-JS2479	BD-JS4479			88	100		
	BD-JS2499	BD-JS4499			101	100		
	BD-JS2059	BD-JS4059			5/8	0.76	38	100
	BD-JS2069	BD-JS4069					44	100
	BD-JS2079	BD-JS4079					50	100
	BD-JS2089	BD-JS4089					57	100
	BD-JS2099	BD-JS4099					63	100
	BD-JS2279	BD-JS4279	3/4	0.76	50	100		
	BD-JS2109	BD-JS4109			69	50		
	BD-JS2119	BD-JS4119			76	50		
	BD-JS2129	BD-JS4129			88	50		
	BD-JS2139	BD-JS4139			101	25		
	BD-JS2149	BD-JS4149			114	25		
	BD-JS2159	BD-JS4159			127	25		
	BD-JS2709	BD-JS4709			133	25		
	BD-JS2169	BD-JS4169			152	25		
	BD-JS2179	-			165	25		
	BD-JS2189	-			177	25		
	BD-JS2199	-	203	25				

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Tools for Standard and Junior band assembly

picture	code	band width [inch]	application
	BD-C07599	3/16 ÷ 3/4	Band-It® Standard 1/4"
	BD-C00189	3/16 ÷ 3/4	Band-It® Standard 3/8" ÷ 3/4" Band-It® Junior - for use with BD-J00199 adapter only
	BD-J00199	1/4 ÷ 3/4	Band-It® Junior - adapter for use with BD-C00189 tool only
	BD-C00399	3/16 ÷ 3/4	Band-It® Standard 3/8" ÷ 3/4" used when higher tension is required (heavy duty)
	BD-G40299	3/4 ÷ 1.1/4	Band-It® Standard Giant

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Band-It® Ultra-Lok®

The most robust of all banding systems intended for the most requiring applications. The banding is available as preformed, double wrap clamps with built-in buckles or as band in pieces that allow making a clamp directly on the hose (in a single or double wrap). A double wrap is recommended for superior strength. The smooth band properly mounted on a smooth, uncorrugated hose ensures tight connection of a fitting which reduces leaks paths into a clamp itself. Assembly with BD-UL9010 or BD-UL4000B electric tools.

picture	code (AISI 201)	band width * [inch]	band thickness [mm]	maximum diameter wrap [mm]	package [pcs]
Band (a double wrap clamp with a built-in buckle) 	BD-UL2799	1/2	0.76	38	100
	BD-UL2839			50	100
	BD-UL2869			69	100
	BD-UL2919			101	100
	BD-UL2279	3/4		50	100
	BD-UL2109			69	50
	BD-UL2119			76	50
	BD-UL2129			88	50
	BD-UL2139			101	25
	BD-UL2149			114	25
	BD-UL2159			127	25
	BD-UL2709			139	25
	BD-UL2169			152	25
	BD-UL2179			165	25
	BD-UL2189			177	25
	BD-UL2199			203	25
	BD-UL2289			228	10


picture	code (AISI 201)	band width * [inch]	band length [mm]	maximum diameter wrap [mm]		package [pcs]
				single	double	
Straight bands 	BD-UL1018	1/2	457	76	-	50
	BD-UL1024		610	127	64	50
	BD-UL1028		711	152	76	50
	BD-UL1032		813	178	89	50
	BD-UL1036		914	203	102	50
	BD-UL1046		1168	279	140	25
	BD-UL1056		1422	356	178	25
	BD-UL1070		1778	457	229	25
	BD-UL1086		2184	559	280	25
	BD-UL1096		2438	635	318	25
	BD-UL1106		2692	711	356	25
	BD-UL1116		2946	787	394	25


* - Use BD- M09387 shear plate to adjust the tool before forming 1/2" clamp.

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Band-It® Ultra-Lok® - table follow up

picture	code (AISI 201)	band width * [inch]	band length [mm]	maximum diameter wrap [mm]		package [pcs]
				single	double	
	BD-UL2020	3/4	508	102	-	30
	BD-UL2024		610	140	-	25
	BD-UL2028		711	152	-	21
	BD-UL2032		813	178	89	19
	BD-UL2036		914	252	102	33
	BD-UL2040		1016	254	127	30
	BD-UL2044		1118	267	140	27
	BD-UL2048		1219	305	153	25
	BD-UL2052		1321	330	165	23
	BD-UL2060		1524	381	191	20
	BD-UL2068		1727	445	216	17
	BD-UL2076		1930	508	254	15
	BD-UL2084		2134	559	280	14
	BD-UL2092		2337	622	305	13
	BD-UL2120		3048	826	407	10
	BD-UL2150		3810	1029	508	8
BD-UL2175	4445	1232	610	7		

picture	code	size [inch]	package [pcs]
	BD-UB2549	1/2	100
	BD-UB2569	3/4	100

Electric tools for Ultra-Lok® band assembly

 <p>BD-UL9010 (220 V)</p>	 <p>BD-UL4000B (battery)</p>
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Band-It® Ball-Lok®

Self-locking bands can be assembled manually in a fast and easy way or with the use of tools listed further. Made entirely of AISI 304, AISI 316 steel or as an epoxy coated version (fully or partially coated). The epoxy coating is non-toxic, halogen-free but in the first place, it greatly improves corrosion resistance. The bands are highly resistant to fire, corrosion, UV radiation as well as high and low temperature.

picture	code (AISI 304)	code (AISI 316)	band width [mm]	band length [mm]	maximum diameter wrap [mm]	package [pcs]	
	uncoated						
	BD-KE1118	BD-KE0118	4.6	150	30	100	
	BD-KE1128	BD-KE0128		201	50	100	
	BD-KE1138	BD-KE0138		259	69	100	
	BD-KE1148	BD-KE0148		360	102	100	
	BD-KE1158	BD-KE0158		520	152	100	
	BD-KE1168	BD-KE0168		679	203	100	
	BD-KE1178	BD-KE0178		838	254	100	
	BD-KE1188	BD-KE0188		1067	305	100	
	BD-KE1328	BD-KE0328	7.9	201	50	100	
	BD-KE1338	BD-KE0338		259	69	100	
	BD-KE1348	BD-KE0348		360	102	100	
	BD-KE1358	BD-KE0358		520	152	100	
	BD-KE1368	BD-KE0368		679	203	100	
	BD-KE1378	BD-KE0378		838	254	100	
	BD-KE1388	BD-KE0388		1067	305	100	
	BD-KE1398	-		1200	360	100	
		epoxy coating					
		partial (AISI 316)	full (AISI 316)	4.6	150	30	100
BD-KE0618		BD-KE0218	201		50	100	
BD-KE0628		BD-KE0228	259		69	100	
BD-KE0638		BD-KE0238	360		102	100	
BD-KE0648		BD-KE0248	520		152	100	
BD-KE0658		BD-KE0258	679		203	100	
BD-KE0668		BD-KE0268	838		254	100	
BD-KE0678		BD-KE0278	1067		305	100	
BD-KE0818		BD-KE0418	7.9	150	30	100	
BD-KE0828		BD-KE0428		201	50	100	
BD-KE0838		BD-KE0438		259	69	100	
BD-KE0848		BD-KE0448		360	102	100	
BD-KE0858		BD-KE0458		520	152	100	
BD-KE0868		BD-KE0468		679	203	100	
BD-KE0878		BD-KE0478		838	254	100	

Tools for Ball-Lok® band assembly

Tool for band tightening and cutting



BD-K50289

Tool for band tightening and cutting



BD-KE9229


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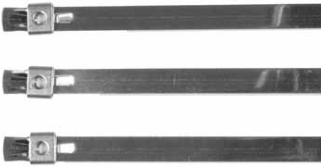
Band-It® banding assembly system




Band-It® Tie-Lok®

Band-It® marking system utilizes tags for self-marking and for assembly with Tie-Lok® bands. Tie-Lok® is a durable, safe and reliable band with smooth internal layer that features low-profile lock. Marking tools are also available. For details of our offer, contact Sales or Technical Department of TUBES INTERNATIONAL®.

Identification tag 	code (AISI 304)	code (AISI 316)	dimensions [mm]	package [pcs]
	BD-ID1009	BD-ID4409	51x19	100
	BD-ID1019	BD-ID4419	63.5x38	100
	BD-ID1029	BD-ID4429	89x19	100

Tag band 	code (AISI 304)	code (AISI 316)	band width [inch]	length [mm]	maximum diameter wrap [mm]
	BD-AS2119	BD-AS4119	1/4	254	51
	BD-AS2129	BD-AS4129		419	101
	BD-AS2139	BD-AS4139		572	152
	BD-AS2149	BD-AS4149		737	203
	BD-AS2159	BD-AS4159		889	254

Tensioning and cutting tool for tag band application 	code	band width [inch]	weight [kg]	max. tensile strength [kG]
	BD-A92079	1/4	0.45	130

Tag marking tools

