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**SPECS &
INFORMATION**

Smart® Band Standard



The standard name denotes the simplicity of the buckle design, allowing for ease of use & application and presenting itself within HCL's product range as the general industry solution.

Smart® Band Standard is a non-metallic band and buckle system. Highly suited to lightweight applications such as temporary and permanent sign fixing and HVAC.

Smart® Band Standard system is available in a variety of materials, sizes and reel lengths. It offers long-life and non-corrosive properties, making it the ideal alternative to many high grade stainless steel strapping solutions.

Key Features

- Strength up to 440kgf (969lbf)
- Non-corrosive
- Safe and easy to fit
- Long life materials
- Lightweight easy to use hand tools
- Highly suited for sign installation
- Non-conductive

7mm (¼ inch)

10mm (⅜ inch)

19mm (¾ inch)



Performance & Material

System			Max System Strength <small>Measured on 600mm diameter</small>	Min Diameter		Max Diameter		Max Temp Resistance*		Flammability*	
Dimensions		Material									
mm	in			kgf	lbf	mm	in	mm	in	°C	°F
7	¼	PA66	90	197	100	3.94	600	24	125	257	HB
		PA12	TBC	TBC	100	3.94	600	24	100	212	
10	⅜	PA66	264	581	76	2.96	600	24	125	257	
		PA12	127	280	76	2.96	600	24	100	212	
19	¾	PA66	440	969	75	3.00	800	32	125	257	
		PA12	385	850	76	2.96	600	24	100	212	

*Life expectancy is dependant on the working temperature. Refer to the Smart Products Technical Booklet for Downhole Use



Dimensions, Part Numbers & Packaging

System				Band Dimensions						Buckle Dimensions			Buckle
Dimensions		HCL Part No		Width		Thickness		Band Reel Lengths		Height	Length	Width	Pack Qty
mm	in	Band	Buckle	mm	in	mm	in	m	ft	mm/in	mm/in	mm/in	
7	¼	SB-BA-1/4	SB-BU-1/4-ST	6.9	0.27	2.6	0.1	30/225	100/820	19.2/0.76	76.0/2.99	15.1/0.59	100
10	⅜	SB-BA-3/8	SB-BU-3/8-ST	9.8	0.39	3.6	0.14	30/125	100/410	21.5/0.85	77.2/3.04	22.9/0.90	100
19	¾	SB-BA-3/4	SB-BU-3/4-ST	19.2	0.76	3.6	0.14	30/60	100/200	28.3/1.11	63.8/2.51	30.2/1.19	50



Tool Options & Retention

System			Min System Retention			Speed of Installation	Tool Type	Tension Control
Dimensions		Tool	N	kgf	lbf			
mm	in							
7	¼	SM-TA-528A	200	20	45	10 secs	Manual	Hand
10	⅜	SM-TA-528A	750	77	169	10 secs	Manual	Hand
19	¾	SM-FT-1000-19	1200	122	270	20 secs	Manual	Torque Wrench
		SM-FT-2000-19	1200	122	270	10 secs	Manual	Hand



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