



Nylon Banding – Smart Band® Hybrid

Manufactured by HCL, Smart Band® Hybrid is a patent pending non-metallic band and buckle system. Incorporating an innovative snap-fit latch, which allows the perfect blend of strength and flexibility; it is the strongest plastic band and buckle system in the world.

Smart Band® Hybrid is available in a variety of materials, offering long-life, non-corrosive and high strength/relaxation properties; making it the ideal alternative to metallic strapping solutions, such as Stainless Steel, Titanium, Monel & Alloy 625.

Applications

Onshore:

- HVAC
- Processing Plants
- General Industry

Offshore:

- Cable Protection
- Marine Pile Protection
- Oil Rigs
- Piggyback Pipe Lay
- Subsea Marking
- VIV Strakes

PERFORMANCE	Strength	■ ■ ■ ■ ■
	Temperature	■ ■ ■ ■ ■
	Speed	■ ■ ■ ■ ■
	Weathering	■ ■ ■ ■ ■
	Chemical	■ ■ ■ ■ ■
	Dynamic Range	■ ■ ■ ■ ■

Materials – see section 10.3

Onshore:

Nylon 6.6. – 19mm only

Offshore:

Acetal

Glass-filled Nylon 11

Strength	■ ■ ■ ■ ■
Chemical	■ ■ ■ ■ ■
Strength	■ ■ ■ ■ ■
Temperature	■ ■ ■ ■ ■
Weathering	■ ■ ■ ■ ■
Chemical	■ ■ ■ ■ ■

Installation Tools – see section 9.1



SM-FT-1000-19 or
SM-FT-1000-32



SM-FT-1000-PR-19 or
SM-FT-1000-PR-32



SM-FT-1000-PS-19 or
SM-FT-1000-PS-32

HCL Part No		Band Width		Band Thickness mm	Max System Strength kg	Band Reel Lengths m	Buckle Box Quantity
Band	Buckle	mm	in				
SM-19R	SM-19HHY	19	3/4	3.6	1220	30 / 60	50
SM-32R	SM-32HHY	32	1 1/4	4.6	2560	30	25

All weights, dimensions & quantities are subject to a 2.5% tolerance.
To add material selection to the HCL Part No: for Nylon 6.6, add “-PA66”; for Acetal, add “-POM”; or for Glass-filled Nylon 11, add “-PA11GF”.

Technical

The Smart Band® Hybrid system has been fully tested to offshore standards for Piggyback loading, Impact strength & long life performance – All of which can be found in our technical booklet available online.



Online Videos

Demonstration videos are available to view on our website.



19mm Smart Band® and
SM-FT-1000 Hand Tool