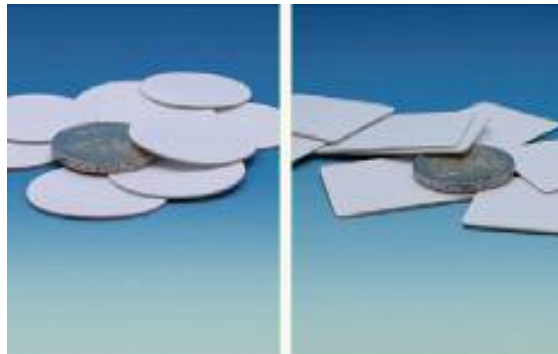


## RFID HF Thermo Patching Tags from Texas Instruments

### RFID Tag for the textile and laundry logistics market

Industrial laundries, hotels, medical facilities, textile and costume suppliers have to accomplish a huge task with the handling and cleaning of garments and linen goods. The daily cycle of cleaning and control of the output places a huge strain on the laundry on a daily basis, all items have to be controlled, organized and supervised perfectly. In this process linen goods and garments could be damaged or lost, resulting in delays and claims by the customer. Using Thermo Patching will help reduce such mistakes to a minimum. Today RFID transponders, which will reveal the saved data if required, are patched or sewn into garments and linen goods in order to simplify the logistical operation, save money time and avoid mistakes.



### Small – flat – intelligent – hard-wearing

Thermo Patching RFID transponder, was developed with the textile and laundry logistic industries in mind. With its extremely flat construction of only 0.75 millimeters the takes care of garments and linen goods during the laundry processes of ironing and pressing, furthermore, it does not disturb the wearing – or user comfort and – is almost invisible to the eye. Because of its flexibility and durability, Therrmo Patching Label/Tags is nearly indestructible in harsh conditions.

Product code	NCF-Tag 42 x 30-TI 18	NCF-Tag d= 30-TI 22
<b>Properties</b>		
Dimensions		
Product dimensions (W x L)	42 x 30 mm	d= 30 mm
Antenna size (W x L)	38 x 22.5 mm	d= 24.2 mm
Thickness	0.75 mm (0,69–0,85)	
Electrical parameters *		
Operating frequency	13.56 MHz	
Technology	Tag-it HF-I Plus	
Unique serial number (UID)	64 bit	
Total memory	2 kbit	
Thermal properties		
Storage temperature	20°C +/- 5°C	
Operating temperature (Inlay)	-25°C to +70°C	
Application area	-20°C to +95°C	
Thermo patching / mangle process	+180°C to +220°C / 10–15 seconds	
Finisher	+175°C	
Ordering		
Shipping unit	1,000 pieces	
Minimum order quantity	1,000 pieces	

\* according to Texas Instruments specification