

Product Datasheet

Laundry Tag

BrightCard Laundry Tags are passive transponders. They are very rugged and fit specifically in laundry applications with high temperatures and aggressive chemicals. These tags withstand very well the extreme washing process. We can guarantee a minimum lifetime of 200 washing cycles for this product.



The BrightCard Laundry Tags do have a very small size of only 16x 2,4mm. So they can be easily integrated in clothes without being of any disturbance or discomfort.

They come with the NXP I-Code SLI technology or with proven EM4100 125kHz technology. The NXP I-Code SLI corresponds to the ISO15693 (ISO18000-3) standard including full anti-collision capability.

Product specification:

Description:	Rugged tag for laundry application
Diameter:	15,0mm
Thickness:	2,4mm
Weight:	< 1,0g
Color:	Ivory
Material:	Injected PPS
Antenna type:	Wire antenna
Operating frequency:	13,56 MHz
Available IC type:	NXP I-Code SLI (1024bit) EM4100 (125kHz – Read Only!)
Reading distance:	Up to 60cm with special bin and multiple antenna configuration
Protection class:	IP68 (20°C, 20h)
Chemical resistance:	HCL 10% Formic acids Bleach, gasoline, caustic solids
Operating temp.:	- 25°C to 110°C + 160°C (30h) + 220°C (30s)
Washing cycles:	Min. 200 cycles
Water extraction:	Min. 20 bar
Options:	Other IC types on request Other diameters on request
Order no.:	DT-PPS-ICSLI-16 DT-PPS-4100-16

Technology by:

