

## Laundry Tags

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

The iDTRONIC Laundry Tags do have a very small size of only 15,0x 2,4mm. So they can be easily integrated in clothes without giving any disturb.

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



### Product specification:

<b>Description:</b>	Rugged tag for laundry application
<b>Diameter:</b>	15,0mm
<b>Thickness:</b>	2,4mm
<b>Weight:</b>	< 1,0g
<b>Colour:</b>	White
<b>Material:</b>	Injected PPS
<b>Antenna type:</b>	Wire antenna
<b>Operating frequency:</b>	13,56 MHz
<b>IC type:</b>	NXP I-Code SLI (1024bit)
<b>ISO Standard:</b>	ISO15693 (ISO18000-3)
<b>Reading distance:</b>	up to 60cm with special bin and multiple antenna configuration
<b>Protection class:</b>	IP68 (20°C, 20h)
<b>Chemical resistance:</b>	HCL 10% Formic acids Bleach, gasoline, caustic solids
<b>Operating temp.:</b>	- 25°C to 110°C + 160°C (30h) + 220°C (30s)
<b>Washing cycles:</b>	Min. 200 cycles
<b>Water extraction:</b>	Min. 20 bar
<b>Options:</b>	Other IC types on request Other diameters on request
<b>Order no.:</b>	DT-PPS-ICSLI-15

**Other IC types available on request!**