

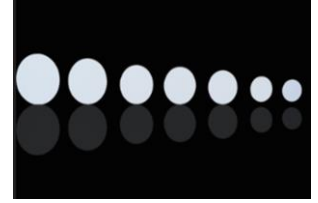
# Product Datasheet

*Advancing RFID Reader Technology*



## Transponder

ID Innovations self-adhesive tag



Descriptions	self-adhesive tag				
IC type	EM4100 or compatible chip(read only)				
Physical	Diameter	Self-adhesive 18mm	Self-adhesive 20mm	Self-adhesive 25mm	Self-adhesive 30mm
	Thickness	1.5±0.2mm	1.5±0.2mm	1.5±0.2mm	1.5±0.2mm
	Weight	2g	2g	3g	3g
	Hole	/	/	/	/
	Material	PVC	PVC	PVC	PVC
	self-adhesive	3M 9448A	3M 9448A	3M 9448A	3M 9448A
	Color	White	White	White	White
Electrical	Operating Frequency	125±5KHz			
Read range (cm)	ID-12LA	5.5	6	6	6.5
	ID-20LA	7.3	8	8.5	9
	ID-40	11	11	11	12.5
	ID-125	30	32	32	43
	ID-180	33	37	37	46
Thermal	Operating temperatures	-10°C to 50°C			
Chemical	Water immersion IP67	N/A			
	Aqueous solution of salts	N/A			
	Unleaded gasoline	N/A			
	Petroleum	N/A			
	Mineral and vegetable Oil	N/A			
Special	Upon request other colors are available (Black, Blue, Red, Green)				
	Upon request other chip technologies are available				
	Upon request other dimensions are available.				

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