

BH-IT

Identification tag(AMS/HMS/DIN/HNF)

Features/Applications:

BH-IT identification tag can be easily removed from the carrier, and applied to cables and wire bundles using cable dies. According to the structure of label card, it is made of the environment-friendly polyolefin materials by means of bombardment and cross-link of high energy electron bunch.

DIN tag is halogen free, operating temperature -40°C----125°C.

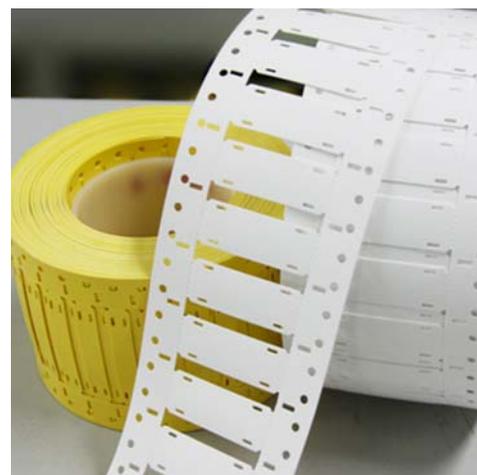
AMS tag is military grade, operating temperature -55°C----135°C.

HMS tag is military grade, fluid resistant, operating temperature -55°C----135°C.

HNF tag is halogen free, operating temperature -40°C----125°C.

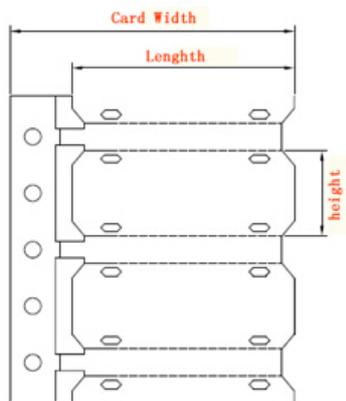
They are mainly applied in the domains such as high-trials, subways, MU train, nuclear power station, airplane and space shuttles in which the wide-diameter cable and bundle labels with high reliability are required to applied in severe environment.

- Side entry provides access to big size and wire bundles as well as retrofit and repair capability.
- Highly flame-retardant, low smog density.
- Highly resistant to abrasion, mechanical abuses, fluids, lubricants and solvents.
- Computer-printable, any characters and logo are easy to design.
- No melting at high temperature, no brittle in freezer.
- Meets SAE-AS 81531, MIL-STD-202F/Method 215J, RoHS etc.

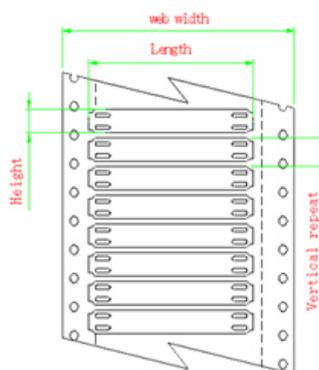


Technical Data

Property	AMS	DIN	HMS	HNF	Test Method
Tensile strength (MPa)	≥10.3MPa	≥10.3MPa	≥13.8MPa	≥10.3MPa	ASTM D2671
Ultimate elongation (%)	≥200%	≥200%	≥200%	≥200%	
Aged tensile strength (MPa)	≥6.9MPa	≥6.9MPa	≥11.1MPa	≥6.9MPa	
Aged ultimate elongation (%)	≥100%	≥100%	≥100%	≥100%	
Flame retardant	VW-1	S3 grade	VW-1	12, F2	DIN 5510-2
Heat shock	No cracks, no flowing or dropping	UL 224			
Low temperature flexibility	No cracks	No cracks	No cracks	No cracks	UL 224
Water absorption(%)	<0.5%	<0.5%	<0.5%	<1.0%	ASTM D 570
Voltage withstand(V)	2500V,60s,Pass	2500V,60s,Pass	2500V,60s,Pass	2500V,60s,Pass	UL 224
Dielectric strength (MV/m)	≥19.7MV/m	≥19.7MV/m	≥19.7MV/m	≥19.7MV/m	ASTM D2671
Volume resistivity (Ω·cm)	≥10 ¹⁴ Ω·cm	≥10 ¹⁴ Ω·cm	≥10 ¹⁴ Ω·cm	≥10 ¹⁴ Ω·cm	ASTM D2671



A type identification tag



B type identification tag

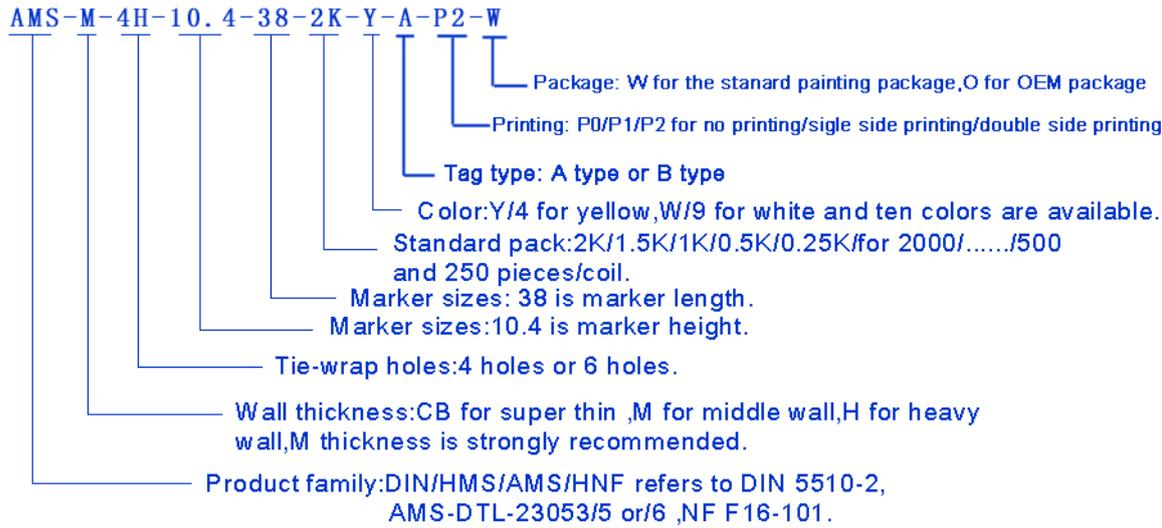
NO.	Part Number	Package (pc/reel)	Marker high (mm)	Marker length (mm)	Printable range (mm)		Recommended use range (mm)
					high	length	
1	DIN-M-4H-10.4- 38-2K-W-B-P1-*	2000	10.4	38	6.4	25	5.08~12.7
2	DIN-M-4H-10.4- 51-1K-W-B-P1-*	1000	10.4	51	12.7	32	12.7~25.4
3	DIN-M-4H-10.4- 76-0.5K-W-B-P1-*	500	10.4	76	25.4	48	25.4 and up
4	DIN-M-4H-10.4- 45-2K-W-B-P1-*	2000	10.4	45	6.4	25	5.08~12.7
5	DIN-M-4H-10.4 53-2K-W-B-P1-*	2000	10.4	53	6.4	33	5.08~12.7
6	DIN-M-4H-10.4 64-2K-W-B-P1-*	2000	10.4	64	6.4	44	5.08~12.7
7	DIN-M-6H-10.4 76-2K-W-B-P1-*	2000	10.4	76	6.4	56	5.08~12.7
8	DIN-M-6H-10.4-90- 2K-W-B-P1-*	2000	10.4	90	6.4	70	5.08~12.7
9	DIN-M-4H-12.0 -102- 2K-W-B-P1-*	2000	12.0	102	8.0	82	12.7~19.1
10	DIN-M-4H-15.0- 45-1.5K-W-B-P1-*	1500	15.0	45	11.0	25	12.7~19.1
11	DIN-M-4H-15.0 -53-1.5K-W-B-P1-*	1500	15.0	53	11.0	33	12.7~19.1
12	DIN-M-4H-15.0 -64-1.5K-W-B-P1-*	1500	15.0	64	11.0	44	12.7~19.1
13	DIN-M-6H-15.0 -76-1.5K-W-B-P1-*	1500	15.0	76	11.0	56	12.7~19.1
14	DIN-M-6H-15.0 -90-1.5K-W-B-P1-*	1500	15.0	90	11.0	70	12.7~19.1
15	DIN-M-4H-20.3 -45-1K-W-B-P1-*	1000	20.3	45	16.3	25	19.1~25.4
16	DIN-M-4H-20.3 -53-1K-W-B-P1-*	1000	20.3	53	16.3	33	19.1~25.4
17	DIN-M-4H-20.3 -64-1K-W-B-P1-*	1000	20.3	64	16.3	44	19.1~25.4
18	DIN-M-6H-20.3 -76-1K-W-B-P1-*	1000	20.3	76	16.3	56	19.1~25.4
19	DIN-M-6H-20.3 -90- 1K-W-B- [*] -P1- [*]	1000	20.3	90	16.3	70	19.1~25.4
20	DIN-M-4H-25.4 -45-1K-W-B- [*] -P1- [*]	1000	25.4	45	21.4	25	25.4 and up
21	DIN-M-4H-25.4 -53-1K-W-B- [*] -P1- [*]	1000	25.4	53	21.4	33	25.4 and up

22	DIN-M-4H-25.4 -64-1K-W-B*-P1-*	1000	25.4	64	21.4	44	25.4 and up
23	DIN-M-6H-25.4 -76-1K-W-B*-P1-*	1000	25.4	76	21.4	56	25.4 and up
24	DIN-M-6H-25.4 -90-1K-W-B*-P1-*	1000	25.4	90	21.4	70	25.4 and up

Remarks:

1. CB is the ultra thin thickness wall (0.5±0.05mm) which is only for HMS type;
2. M is the standard thickness wall (0.75±0.08mm) which is only for DIN and HNF type;
3. H is the heavy thickness wall (1.0±0.1mm) which is only for AMS type.

Part Number System:



Color code	BL	Br	R	Or	Y	G	Blu	V	Gr	W
Color	Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White

Note: Yellow and white are standard, other color is available if ordered.