

## Automotive Wire Harness Tape Low VOC And Lead Free (UBNS)

### Features:

A thin premium grade plasticized PVC film coated with an aggressive water based adhesive with good characteristics. It is suitable for continuous use at 85°C with good electric resistance and soft property, not influenced by most chemical substances and humidity. It complies with ROHS, REACH and VOC requirements from automotive makers.

### Applications:

Use as permanent wrapping on cables and wiring harnesses for method is with a 50% overlap and don't apply over tension at last layer.

### Technical Data:

Property	Unit	Typical data					Test Method
		UB085NS	UB100NS	UB110NS	UB120NS	UB130NS	
Total Thickness	mm	0.085	0.10	0.11	0.12	0.13	ASTM-D-1000
Tensile Strength	N/cm	16	16	16	18	20	ASTM-D-1000
Elongation at break	%	160	170	180	200	220	ASTM-D-1000
Voltage Resistance	----	1kV 1min	1kV 1min	1kV 1min	1kV 1min	1kV 1min	JIS-C2110
Temperature Resistance	°C	85	85	85	85	85	ASTM-D-1000
Flame Resistance	S	<2	<2	<2	<2	<2	ASTM-D-1000
Peel Adhesion	To Steel	N/19mm	1.5	1.5	1.5	1.5	NDSO-24026
	To Backing	N/19mm	1.5	1.5	1.5	1.5	NDSO-24026
Heavy Metal Content	Pb, Cd	ppm	30	30	30	30	US EPA3052
	Hg, Cr6	ppm	10	10	10	10	US EPA3060A
	PBB, PBDEs	ppm	10	10	10	10	US EPA3540C

### Other Property:

- ◆ Color: Black
- ◆ Surface: Matte
- ◆ Shelf life: one year in the original packing carton when stored 23°C×65%RH

### Tape Size:

- ◆ Log Roll: 0.085/0.10/0.11/0.12/0.13mm×1250mm×20m
- ◆ Paper Core Inner Dia: 32mm

### Remarks:

All the data above based on our testing, the user should do trial-application on the above products before coming into application, so as to witness and ensure suitability for user's special purpose and technique.