

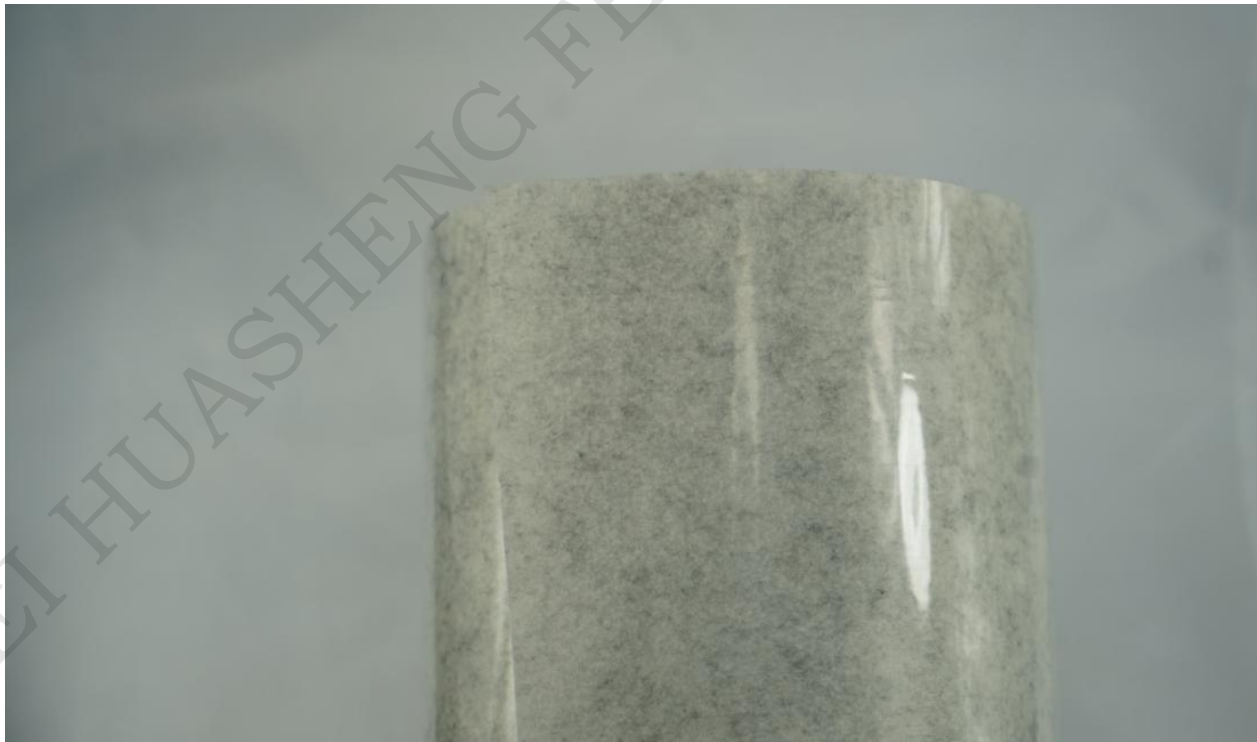


Anti-condensation felt

- Condensation occurs mainly at night as a result of temperature difference between cold outside air and warm air under the metal roof.
Due to high sheet metal conductivity the condensate occurs on the inner side of metal roof covering and starts merging into droplets. In time these droplets begin dripping from the inner side of metal roof into the room and consequently cause damage.

Metal roof tiles with affixed ATIDRIP membrane which absorbs condensate and prevents dripping.

During condensation ATIDRIP can absorb up to 1000ml/m² condensate. At natural ventilation and at higher daily temperature the condensation between membrane fibres gets dry.



What is Antidrip anti-condensation felt?

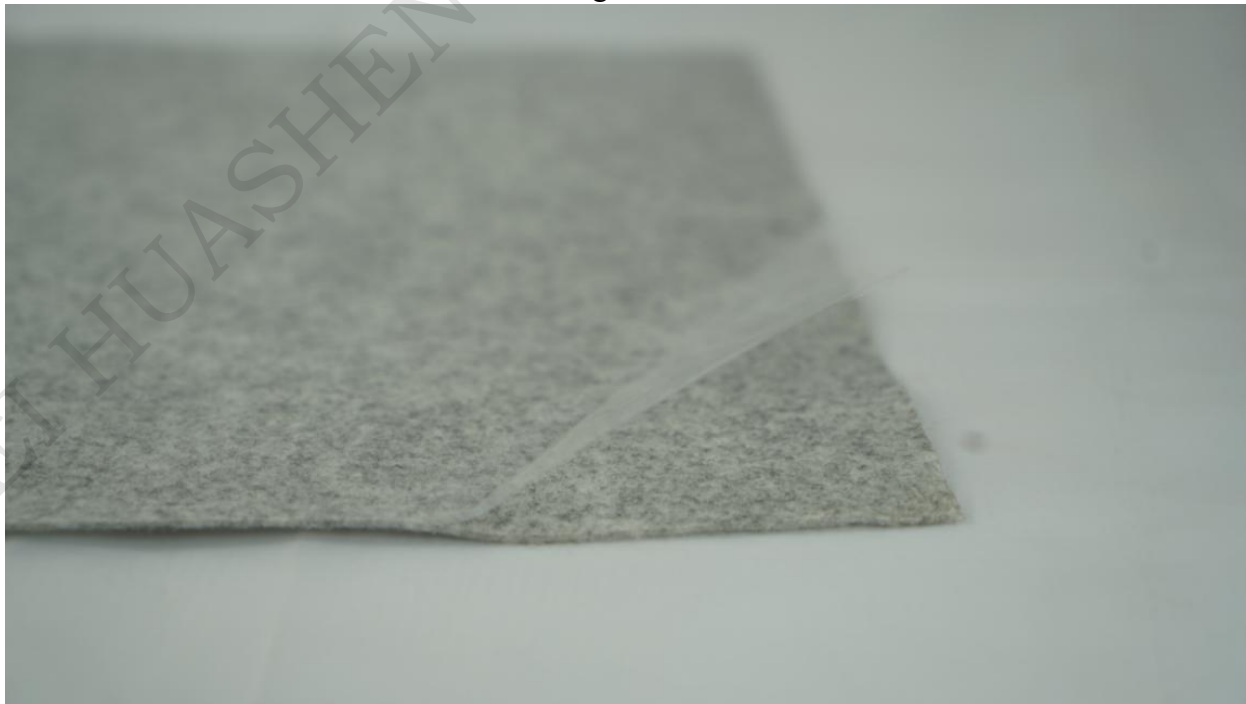
- Antidrip is a new type of needle punched polyester non-woven fabric, produced by amending processing and special technology. From the production processing, the technical requirements of Antidrip are much higher than the ordinary non-woven fabric; At the same time, from the quality of view, Antidrip also has the functional characteristics that other non-woven fabrics do



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not have, with high moisture absorption, strong drainage and high flame retardancy.

- Antidrip has very high physical and chemical properties. It can burden several hundred kilograms of tension without breaking up. Antidrip is self- adhesive. Its use hot-melt, flame retardant , and environment-friendly glue. It's very sticky and no smell.
- Antidrip can quickly bring the vapor outside the building avoid breeding mold, effectively improve the energy efficiency of the building structure, keep it in the best use state, and solve the moisture-proof and human living health perfectly. It is a new and environment-friendly energy-saving material.
- Antidrip is a cost-effective solution that can replace insulation materials and humidifiers to protect roof systems and buildings from the interference of condensate. The base material is specially made of self-adhesive non-woven fabric. From roll forming equipment fitted to the back of the steel plate. By absorbing the Vapor inside of the steel roof, drained the water into the bottom of the slope and evaporates the water content in the non-woven fabric by natural ventilation. Thus it could replace the insulation material (PU foamed, rock wool. EPS, XPS, PIR). The user can easily cut, fit and using fully automated equipment to apply the non-woven fabric to the color steel sheet on the roof. It must have ventilated in the building.





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• Technical Data Sheet

PARAMETER	STANDARD	UNIT		VALUE
Composition				PE/Synthetic rubber
Treatment				Self adhesive
Usage				Anti condensation
Weight-felt	EN 29073-1	g/m ²		110
Thickness	EN ISO 9073-2	mm		<1
Water absorption	DIN 53923	g/m ²		>700
	GB -T 21655.1	g/m ²		>700
Strength at break	ISO9073-3	N	MD	278
			CD	210
Elongation at break	ISO9073-3	%	MD	59
			CD	93
Flammability	EN 13501-1			A2-S1-d0*1
Sound absorption	EN ISO 354	Hz	125	0.02
			500	0.04
			1000	0.04
			2000	0.12
			4000	0.42
Rainfall noise sound insulation	ISO-140-18	dB		71*2
				69*1
				2
Thermal conductivity dry	DIN EN 52612	W/m2K		0.038
Bacteria resistance	DIN EN 14119	Index 0-No visible growth under the		
Color		Light gray, Grayish, White etc		
Width		mm		1000, 1180, etc
Clad pipe		mm		76

*1- Felt with metal sheet

*2-Metal sheet

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