

Alu-pet Tape

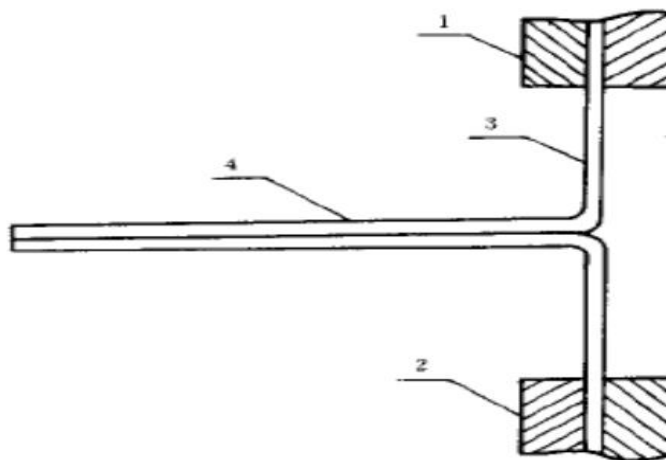
Project		Specification		Test Standard
		AluPet 9/12	AluPet 9/23	
Thickness	Aluminum	0.009 $\pm 0.002\text{mm}$	0.009 $\pm 0.002\text{mm}$	ASTM D374
	PET	0.012 $\pm 0.002\text{mm}$	0.023 $\pm 0.002\text{mm}$	
	Total	0.023 $\pm 0.003\text{mm}$	0.035 $\pm 0.003\text{mm}$	
Tensile Strength		$\geq 60 \text{ MPa}$	$\geq 60 \text{ MPa}$	ASTM D882
Elongation		$\geq 15 \%$	$\geq 20 \%$	ASTM D882
Peel Strength		$\geq 6.13 \text{ N/cm}$	$\geq 6.13 \text{ N/cm}$	YDT 723.2

YDT 723.2: Test methods and procedures

1.The width of sample is $15 \pm 0.1\text{mm}$,The length is 200m,The speed of peel off is $300 \pm 50\text{mm/min}$.

2.Clamp both ends of the stripped part of the sample on the upper and lower clamps of the testing machine, so that the longitudinal axis of the stripped part of the sample coincides with the central line of the upper and lower clamps, and the tightness is appropriate.

During the test, the un-stripped part is T-shaped with the tensile direction, as shown in below picture. Record the peel force curve during the stripping process.



Picture 1

1.upper clamps; 2.lower clamps; 3.Peeling part of sample; 4.Not stripped part of sample