

Material Data Sheet

AlfaBond STS Stainless Steel Tape

Type: Stainless Steel Tape

Application: Armoring

Appearance: Flattened, smooth, no welding point, no uneven cutting edge, no knife mark.

Specification		Unit	Index.	Tolerance			
Length		m	2700	+/-50			
Width		mm	12~200	+/-0.5			
Thickness	stainless steel	mm	0.14	+/-10%			
	Plastic	mm	0.05	+/-10%			
Tensile Strength		N/mm ²	≥520				
Bending Strength		N/mm ²	≥210				
H V		---	≤200				
Elongation At Break		%	≥40				
Inner diameter		mm	407	+/-2			
Peel Off							
Stainless steel/ Plastic	Side A	N/cm	5.0				
	Side B	N/cm	5.0				
Heat welding Tensile strength		N/cm	17.5				
Heat seal sheared intensity		-----	Tape break Or glue zone damaged				
Chemical elements%							
C	Si	Mn	P	S	Cr	Ni	N
≤0.08	≤1.00	≤2.00	≤0.035	≤0.030	16.00~18.00	10.00~14.00	2.00~3.00
*Straight, degree, allowing bending: ≤8mm(2.5m long)							

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