



tesa® ACXplus 79011

Product Information



1.1 mm double-sided acrylic foam tape for mounting of automotive exterior attachment part

Product Description

tesa® ACX^{plus} 79011 is a double-sided acrylic foam tape for mounting of automotive exterior attachment parts. It is a triple-layer product, coated on both sides with LSE adhesives. It can help eliminate the primer in the process. Its high-performance LSE adhesive creates an efficient and secure bond to typical automotive attachment parts made of LSE (like PP and PP/EPDM) and MSE (like ABS) plastics without primer. In addition, our product also has excellent adhesive properties when it comes to 95°C high temperature resistance. Thanks to its viscoelastic acrylic foam core, tesa® ACX^{plus} 79011 New Primerless Line has the ability to absorb and dissipate dynamic and static loads. 0.8 mm and 1.5 mm thick ones will be available at a later stage.

Product Features

Good performance on LSE plastics and difficult-to-bond clear coats without primer

- Excellent bonding stability with long term temperature resistance up to 95°C
- PFAS / PFOS free Product
- Efficient and robust application
- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Good wet-out property
- High humidity and UV resistance

LSE: low surface energy,

MSE: medium surface energy

Application Fields

tesa® ACX^{plus} 79011 New Primerless Line is suitable for a wide range of permanent exterior mounting applications. To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.

Example applications are: • Body side moldings and decorative trims • Emblems • Spoilers • Antennas • Pillar appliqués • PDC mounting



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Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Backing	Acrylic foam	• Total thickness	1100 µm
• Type of adhesive	LSE		43.3 mils
• Type of liner	PE	• Color	gray
		• Color of liner	blue

Properties/Performance Values

• Ageing resistance (UV)	good	• Static shear resistance at 90°C	very good
• Chemical Resistance	good	• Temperature range	-40 to 95 °C
• Cold-shock resistance	very good	• Temperature resistance long term	95 °C
• Humidity resistance	very good		203 °F
		• Temperature resistance short term	120 °C
			248 °F

Adhesion to Values

• ABS (initial)	35 N/cm	• Steel (initial)	40 N/cm
	319.8 oz/in		365.4 oz/in
• ABS (after 3 days)	40 N/cm	• Steel (after 14 days)	40 N/cm
	365.4 oz/in		365.4 oz/in
• PP (initial)	30 N/cm	• Steel (after 3 days)	40 N/cm
	274.1 oz/in		365.4 oz/in
• PP (after 3 days)	40 N/cm		
	365.4 oz/in		



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