



tesa® 64912

Product Information



Double-sided PE foam tape

Product Description

Primer process is annoying but essential for many suppliers in the Automotive Industries nowadays!
The introduction of tesa® 64912 can help our customers eliminate the primer in the process*!

tesa® 64912 is a double-sided PE-foam tape. Its high performance adhesive enables primerless bonding of Low Surface Energy (LSE) and Medium Surface Energy (MSE) substrates.

Features:

- High initial performance to LSE and MSE surfaces without primer
- Reach ultimate peel adhesion level right after application
- Superior peel adhesion on PP substrates, even at an application temperature down to 5 °C
- Reliable performance at higher temperature
- Highly conformable and gap filling
- Excellent converting properties

Benefits:

- Eliminate the primer in the production process
- Enable a much more efficient and robust application
- Skip the pre-heating of tape in winter time
- Realize a healthier working condition
- Reach a more environmental friendly production

(*) For glass and soft EPDM substrates primer is still needed.

Product Features

- High initial adhesion to LSE and MSE surfaces without primer
- Near to ultimate peel adhesion level right after application
- Good performance at an application temperature as low as 5°C
- Conformable foam backing to compensate design tolerances or uneven surfaces
- Reliable performance at higher temperatures
- Excellent converting properties

Application Fields

Developed for permanent mounting of similar and / or dissimilar plastic parts, tesa® 64912 can be widely used for mounting applications of smaller parts. Such as permanent mounting of

- park distance sensor bracket
- entry trim
- interior decorative trim

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Product Information

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	PE foam	• Color	black
• Type of adhesive	specialty	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	69 µm
• Total thickness	1.2 mm		2.7 mils
	0 inch		

Properties/Performance Values

• Elongation at break	400 %	• Tensile strength	13 N/cm
			7.4 lbs/in

Adhesion to Values

• PP (initial)	20 N/cm	• Steel (initial)	20 N/cm
	182.7 oz/in		182.7 oz/in
• PP (after 14 days)	20 N/cm	• Steel (after 14 days)	20 N/cm
	182.7 oz/in		182.7 oz/in

Additional Information

Liner variants:

PV0 brown glassine (69 µm)

Peel Adhesion:

- initial and after 14 days: foam splitting on Steel and PP



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