

tesa® 51014

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	non-woven	• Color	translucent
• Type of adhesive	tackified acrylic	• Color of liner	red
• Type of liner	PE	• Thickness of liner	90 µm
• Total thickness	215 µm	• Weight of liner	82 g/m ²

Properties/Performance Values

• Elongation at break	3 %	• Temperature resistance min.	-40 °C
• Tensile strength	8 N/cm	• Temperature resistance short term	200 °C
• Temperature resistance long term	80 °C		

Adhesion to Values

• ABS (initial)	6.5 N/cm	• PET (covered side, after 14 days)	11.8 N/cm
• ABS (after 14 days)	7.6 N/cm	• PET (covered side, initial)	10 N/cm
• ABS (covered side, after 14 days)	13.1 N/cm	• PP (initial)	5.2 N/cm
• ABS (covered side, initial)	11.3 N/cm	• PP (after 14 days)	5.8 N/cm
• Aluminium (initial)	5.9 N/cm	• PP (covered side, after 14 days)	13.3 N/cm
• Aluminium (after 14 days)	6.3 N/cm	• PP (covered side, initial)	10.6 N/cm
• Aluminium (covered side, after 14 days)	12.1 N/cm	• PS (initial)	6.6 N/cm
• Aluminium (covered side, initial)	10.8 N/cm	• PS (after 14 days)	7.5 N/cm
• PC (initial)	6.8 N/cm	• PS (covered side, after 14 days)	12.9 N/cm
• PC (after 14 days)	12.9 N/cm	• PS (covered side, initial)	12.1 N/cm
• PC (covered side, after 14 days)	16 N/cm	• PVC (initial)	5.9 N/cm
• PC (covered side, initial)	12.8 N/cm	• PVC (after 14 days)	9.5 N/cm
• PE (initial)	5.2 N/cm	• PVC (covered side, after 14 days)	13.8 N/cm
• PE (after 14 days)	5.6 N/cm	• PVC (covered side, initial)	8.8 N/cm
• PE (covered side, after 14 days)	8.6 N/cm	• Steel (initial)	7.3 N/cm
• PE (covered side, initial)	7.5 N/cm	• Steel (after 14 days)	8.6 N/cm
• PET (initial)	5.5 N/cm	• Steel (covered side, after 14 days)	12.9 N/cm
• PET (after 14 days)	5.9 N/cm	• Steel (covered side, initial)	11.7 N/cm

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