



tesa[®] 4983

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	PET film	• Total thickness	30 µm
• Type of adhesive	tackified acrylic	• Color	1.2 mils transparent

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm 11.4 lbs/in	• Static shear resistance at 40°C	medium
• Ageing resistance (UV)	very good	• Tack	low
• Chemical Resistance	good	• Temperature resistance long term	100 °C 212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C 392 °F
• Softener resistance	good		

Adhesion to Values

• ABS (initial)	4.5 N/cm 41.1 oz/in	• PET (after 14 days)	4.8 N/cm 43.9 oz/in
• ABS (after 14 days)	5.3 N/cm 48.4 oz/in	• PP (initial)	2.3 N/cm 21 oz/in
• Aluminium (initial)	4.1 N/cm 37.5 oz/in	• PP (after 14 days)	3.7 N/cm 33.8 oz/in
• Aluminium (after 14 days)	5.5 N/cm 50.2 oz/in	• PS (initial)	4 N/cm 36.5 oz/in
• PC (initial)	5.2 N/cm 47.5 oz/in	• PS (after 14 days)	5.2 N/cm 47.5 oz/in
• PC (after 14 days)	6 N/cm 54.8 oz/in	• PVC (initial)	3.6 N/cm 32.9 oz/in
• PE (initial)	2 N/cm 18.3 oz/in	• PVC (after 14 days)	6.4 N/cm 58.5 oz/in
• PE (after 14 days)	3.3 N/cm 30.1 oz/in	• Steel (initial)	5.2 N/cm 47.5 oz/in
• PET (initial)	4.2 N/cm 38.4 oz/in	• Steel (after 14 days)	7.6 N/cm 69.4 oz/in



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