TBP Converting, Inc.
Tesa ACXplus 7065

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productinformation

tesa® ACX^{plus} 7065

ACX^{plus} High Adhesion 47 mil

tesa® ACX^{plus} 7065 is a black acrylic foam tape.
It consists of a high-performance acrylic system and is primarily characterised by its bonding power, stress dissipation, temperature resistance and weather resistance.

Due to its unique formulation, it combines a very high adhesion level with excellent resistance against plasticizer migration. It is especially designed for the bonding of “hard-to-bond-materials” such as powder coatings or plastic materials. It offers a convenient solution for the bonding of such materials to metals, due to high process safety.

The visco-elastic, foamed acrylic core compensates different thermal elongation of bonded parts.
The product provides a very high immediate tack and peel adhesion.

Main Application

Bonding of hard-to-bond materials such as

- Bumper rails
- Powder coated blades and panels
- Air distributaries

Technical Data

Backing material	foamed acrylic	Type of adhesive	tackified acrylic
Color	deep black	Elongation at break	1000 %
Total thickness	1200 µm 47.2 mils		

Adhesion to

Steel (after 3 days)	40.0 N/cm 365.4 oz/in	Glass (after 3 days)	36.0 N/cm 328.9 oz/in
Aluminium (after 3 days)	35.0 N/cm 319.8 oz/in	PMMA (after 3 days)	35.0 N/cm 319.8 oz/in

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Properties

▪ Temperature resistance short term	170 °C 338 °F	▪ Resistance to chemicals	●●●●
		▪ Softener resistance	●●●●
▪ Temperature resistance long term	70 °C 158 °F	▪ Static shear resistance at 73,4 °F	●●●●
		▪ Static shear resistance at 158 °F	●●●
▪ Tack	●●●●	▪ T-block	●●●
▪ Ageing resistance (UV)	●●●●		
▪ Humidity resistance	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

PV 22 = White PE coated paper liner tesa® ACX^{plus} branded
PV 24 = Blue filmic liner
Adhesion values to PMMA, glass and aluminum are not part of the product specification.

tesa® ACX^{plus} 7065 is recognized according to UL Standard 746C. UL File QOQW2.E309290