



TBP Converting, Inc.
TESA 7078

tesa® ACXplus 7078

ACXplus High Resistance 80 mil

PRODUCT INFORMATION

Product Description

tesa® ACXplus 7078 is a black acrylic foam tape. It consists of a high-performance acrylic system. Due to its unique components, it combines excellent temperature resistance with outstanding cold shock resistance. It is designed for demanding outdoor bonding applications, especially in combination with the tesa Adhesion Promoters. The visco-elastic, foamed acrylic core compensates different thermal elongation of bonded parts.

Main Application

Bonding of panels and reinforcement bars in the following Industries:

- Solar
- Elevator
- Production Equipment
- Transportation

Technical Data

■ Backing material	foamed acrylic	■ Elongation at break	1000 %
■ Color	black	■ Temperature resistance long term	120 °C 248 °F
■ Total thickness	2000 µm 78.7 mils	■ Temperature resistance (20 min)	220 °C 428 °F
■ Type of adhesive	pure acrylic		

Adhesion to

■ Steel (initial)	16.0 N/cm 146.2 oz/in	■ Steel (after 3 days)	40.0 N/cm 365.4 oz/in
■ Aluminium (initial)	14.0 N/cm 127.9 oz/in	■ Aluminium (after 3 days)	32.0 N/cm 292.4 oz/in
■ Glass (initial)	24.0 N/cm 219.3 oz/in	■ Glass (after 3 days)	40.0 N/cm 365.4 oz/in

Properties

■ Tack	o	■ Softener resistance	o
■ Ageing resistance (UV)	++	■ Static shear resistance at 73,4 °F	++
■ Humidity resistance	++	■ Static shear resistance at 158 °F	++
■ Resistance to chemicals	++	■ T-block	++

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

PV 22 = White PE coated paper liner tesa® ACXplus branded
PV 24 = Blue filmic liner

tesa® ACXplus 7078 is recognized according to UL Standard 746C. UL File QQW2.E309290

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