

TECHNICAL DATA SHEET

UHB 12100C CLEAR FOAMED ACRYLIC TAPE Page 1 of 2




INDASOL UHB-12100C is a pure foamed acrylic bonding system. It is ideally suited to bonding difficult and dissimilar substrates and surfaces, including metals, glass, ceramics, many plastics and even painted, lacquered or powder coated finishes such as stiffening bars on the reverse of sign systems and cabinets.

The foamed acrylic construction, provides excellent conformability and is therefore ideal for rough, uneven and structured surfaces. In addition the foam offers excellent sealing dampening and vibration absorption capabilities, ensuring that bonded joints remain permanently secure, even in critical and exacting applications. Also, at this thickness, differing tensions and thermal expansions between the substrates are accommodated and absorbed by the acrylic foam mass. It will even allow movement of parts under stoving cycles above 200°C.

INDASOL UHB-12100C has good initial tack, combined with its superior bonding characteristics, enabling easy assembly and positioning. This product is therefore ideal for all permanent fixing and mounting applications of component parts and outdoor use. For demanding applications under high stress forces such as **road traffic signage**, or if bonding to difficult and low surface energy substrates, **use INDASOL UHB-12100C in conjunction with INDASOL Surface Primer following the application instructions.**



For further information, samples and a demonstration, please contact:

 **0121 556 9900**  **0121 556 9034**  **enquiry@indasol.co.uk**
For our Ireland sales manager please contact us on 07795 151814

NEXT DAY DELIVERY AVAILABLE 

www.indasol.co.uk

TECHNICAL DATA SHEET

UHB 12100C CLEAR FOAMED ACRYLIC TAPE Page 2 of 2

TECHNICAL DESCRIPTION	UNIT OF MEASUREMENT	TECHNICAL VALUE
CARRIER		ACRYLIC FOAM
ADHESIVE		ACRYLIC
COLOUR		CLEAR
THICKNESS	mm	1.0
DENSITY OF FOAM	kg/m ³	850
RELEASE LINER		RED PE
180° PEEL ADHESION ASTM D-3330	g/cm	3300
TENSILE ADHESION (T-BLOCK TEST) ASTM D-897	g/cm	7000
DYMANIC SHEAR ASTM D-1002	g/cm	4000
TEMPERATURE RESISTANCE SHORT TERM	°C	200
TEMPERATURE RESISTANCE LONG TERM	°C	150
LOW TEMPERATURE RESISTANCE	°C	-30
U.V. RESISTANCE		GOOD

Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. The customer has to decide on the tapes suitability for the intended application.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. Industrial Adhesive Solutions Limited shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Please contact us for further assistance and information.



For further information, samples and a demonstration, please contact:

0121 556 9900 0121 556 9034 sales@protectiontapes.co.uk

For our Ireland sales manager please contact us on 07795 151814

NEXT DAY DELIVERY AVAILABLE

www.protectiontapes.co.uk