



TECHNICAL DATASHEET

HS CLEAR ACRYLIC TAPE

ART. NO:	SIZE:	QUANTITY:
#137.071B	¼" (6mm x 33m)	1 roll
#137.072B	⅜" (9mm x 33m)	1 roll
#137.073B	½" (12mm x 33m)	1 roll
#137.074	¾" (19mm x 33m)	1 roll
#137.075	1" (25mm x 33m)	1 roll
#137.071B.18	¼" (6mm x 18m)	1 roll
#137.072B.18	⅜" (9mm x 18m)	1 roll
#137.073B.18	½" (12mm x 18m)	1 roll
#137.074B.18	¾" (19mm x 18m)	1 roll
#137.075B.18	1" (25mm x 18m)	1 roll

HS CLEAR ACRYLIC TAPE is designed to replace permanent assembly methods such as gluing and screwing, our double-sided acrylic tape provides superior adhesion to a wide range of materials, making it ideal for use for emblems, edge lining strips and more.

FEATURES

- ✓ Excellent adhesion to various substrates
- ✓ Temperature stable up to 90°C (194°F)
- ✓ Excellent solvent and moisture resistance
- ✓ Energy absorbing with a high tensile strength

APPLICATION

Ideal for fixing decoration profiles, emblems, plates and edge lining strips in the automotive repair sector, as well as transparent or clear materials. Also suitable for general purpose uses.

CONDITIONS OF USE AND CONFORMITY

Product shelf life and storage: 12 months. Suggested storage temperature shall range from 15°C to 25°C with max. relative humidity of 65%. Material shall be stored away from heat sources and possibly kept in original package, avoiding light exposure as well. When temperatures are lower than suggested, it is always required to recondition the tape at normal temperature before use. This information is given to the best of Carworx's knowledge. Values are typical and do not constitute a specification. Customers are required to do their own testing under their working conditions for their intended application. Any liability arising in respect of our products will be limited to the value of those products charged to the customer excluding any consequential loss.

PRODUCT DATA

Color: Red liner with clear backing

Backing: Reinforced clear acrylic foam

Adhesive: Acrylic PSA coated on both sides

Liner: 0.12 mm red HDPE release film

Total Thickness: 1.0 mm (40 mils)

Tack: 7

Peel Adhesion: 2.8 kg / 25mm

Shear Strength (25°C): Over 72 hrs with 2.0 kg loading
2 stainless steel plates on 25mm x 25mm

Tensile Strength: Over 50 kg/25mm x 25mm

Temperature Resistance (24h): 80°C (176°F)

Service Temperature: -40°C to 150°C (-104°F to 302°F)



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TECHNICAL DESCRIPTIONS	UNIT	VALUE
BACKING		Foam-like acrylic glue
COLOR		Clear
ADHESIVE		None
THICKNESS	mm	1.0
ELONGATION	%	900 +/- 100
90° PEEL ADHESION	%	(ASTM D-3330)
After 20 Minutes	gr.f./25mm	5,000
After 24 Hours	gr.f./25mm	6,500
After 72 Hours	gr.f./25mm	7,000
TENSILE STRENGTH (50mm/min., 25mm x 25m)		(ASTM D-897)
SUS-304 (T-Block)	Kgf/25x25mm ²	40
DYNAMIC SHEAR (50mm/min., 25mm x 25m)		(ASTM D-1002)
SUS-304	Kgf/25x25mm ²	40
PVC plate	Kgf/25x25mm ²	35
ABS plate	Kgf/25x25mm ²	35
STATIC SHEAR (Falling time of 25mm x 25mm, tape with 1kg weight at 80°C)	Minute	ASTM D-3654) 10,000 ↑
SERVICE TEMPERATURE		
minimum	°C	-20
maximum	°C	180

UNLESS OTHERWISE STATED ALL OF THE ABOVE FIGURES ARE AVERAGE VALUES.
TEST METHOD : ASTM