

## Automotive

# THSC

## SINGEL COMPONENT ADHESIVE

- based on MS Polymer
- excellent adhesion without primer
- solvents, isocyanate and silicone free
- high absorption of acoustic vibrations
- excellent chemical resistance
- long shelf life – even after opening
- easy to remove from your hands
- environmentally friendly
- permanently elastic at temperatures between -40 and +120°C
- quick and even curing without bubble formation
- odorless
- EU-NCAP CERTIFICATION  
PSI-11-0160-009
- (EU-NCAP frontal impact sled test)



### Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

## General Information

TECHNO SCREEN MS is an isocyanate-free, permanent flexible, moisture cured 1-component-sealant based on MS-polymer. Especially designed for windows/windcreens application with a high degree of strength, which polymerizes rapidly under the effect of atmospheric moisture. It respects even the strictest

Health & Safety rules because it is environmentally friendly. Fast Processing Time: After bonding, the vehicle is drivable after just 1h - dependent on ambient temperature and humidity. Important: The vehicle should remain on a level surface for 24h. Euro NCAP Certification PSI-11-0160-009.(Euro Ncap frontal impact sled test).

## Technical Information

Chemical base: 1-K Modified Silane Polymer (MS Polymer)  
 Colour: Black  
 Consistency: Pasteus, very good steadfastness  
 Shore A Hardness (DIN53505): appr. A65  
 Application temperature: from +5°C to +35°C  
 Temperature resistance: from -40°C to +120°C  
 Open time (+20°C / 50% rH): < 15 Min.  
 Skin formation time (+20°C / 50% rH): 10 Min.  
 Curing speed (+20°C / 50%rF): 3mm/24h  
 Change of volume - DIN52451: >3%

Green strength: appr. 1800 Pa (Physica Rheometer MC100)  
 Brake elongation (DIN 53504/ISO37): 225%  
 Tensile stress (100%; DIN53504): 21,4 kg/cm²  
 Tensile stress at break (DIN53504): 29,5 kg/cm²  
 Shear stress (DIN53283): 25,4 kg/cm²  
 Crack propagation strenght (DIN 53515): 13 N/mm²  
 E-Module at 10% Elongation (DIN53504): 43,8 kg/cm²  
 Electrical volume resistivity: 10<sup>11</sup> Ohm cm  
 Shelf life at 5-25°C (unopened): 12 Months  
 Keep cool and dry. Keep away from direct sunlight.

## Application and Use

- PREPARATION: (glass and bodywork)
- Cut out the windscreen and remove excess adhesive residue on the car body with the FOLD SCRAPER to approx. 2 mm.
- Spray SAFE CLEAN onto a DRY CLOTH and degrease the adhesive areas on the new windscreen and on the car body. Wipe with a DRY CLOTH and allow to air for 10 minutes.
- Any paint damage to the car body must be repaired with SCREEN PRIMER BLACK and a WOOL WIPER or DRY CLOTH. Observe the airing time.
- APPLICATION of TECHNO SCREEN MS:
  - Prepare the cartridge/bag by attaching the V-tip.
  - Apply TECHNO SCREEN MS to the glass pane or body frame.
  - The windscreen must be bonded and positioned within the open time (15 minutes).

Article nr	Name	Content	Shelf Life	Catalog
T204001	Safe Clean Aerosol 500ml	500ml	see imprint + 36 months	CLEANERS AND DEGREASERS
T570101	Techno Screen MS 290ml	290ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T570102	Techno Screen MS 600ml	600ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T570103	Techno Screen MS 400ml	400ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T570105	Screen Primer black 30ml	30ml	see imprint + 12 months	ADHESIVES AND SEALANTS
T899125	Dry Cloth	125pcs./Box	-	TOOLS
Y390303	Glove GoGrip NI L	50 pcs.	-	HEALTH AND SAFETY
Y595140	Wool Wiper	10 pcs.	-	TOOLS
Y870010	Fold Scraper KIT	1pc.	-	TOOLS



ADHESIVES AND SEALANTS

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