

# MST 400 tape, multipurpose foam

tapes

Technical Data Sheet

**Medium seal tape MST 400** is a polyvinyl chloride (PVC) foam tape, with closed cell with pressure sensitive adhesive on one side. Ideal for multiple uses, to seal against dust and water.

## Technical Information

PROPERTIES	VALUE	TEST METHOD
Density: lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	9 (144)	ASTM D-1667
Adhesion peel 90°, oz./in. (N/cm)	37.0 (405)	PSTC-2
Tensile strength psi (kPa)	40 (276)	ASTM D-412 (Die A)
Foam elongation	100%	ASTM D-412 (Die A)
Hardness Shore 00	28	ASTM D-2240
Water absorption weight %	2.5	NTP-35
Compressing force 30% PSI (kPa)	3.5 (24)	ASTM D-1667
Compressing deflection PSI (kPa)	2.0 (14)	ASTM D-1667
Compression at fastening (original height loss %)	8	NTP-37
Application temperature	4 °C to 52 °C (40 °F to 125 °F)	
Working temperature	-26 °C to 71 °C (-15 °F to 160 °F)	

Information obtained from laboratory tests.

## Uses

**MST 400 tape** has been mainly developed for:

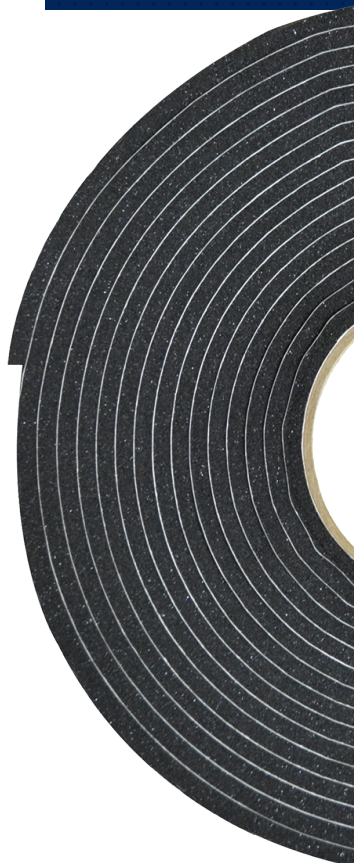
- Car bodies sealing (trucks).
- Prevent vibrations between doors, windows, etc.
- Prevent entering water in trunks, sunroofs, doors, windows, etc. (compressing a 50% of its thickness).
- In car bodies industry, in seals between sheets.
- Multipurpose tape for home, office, etc.
- Ideal for air conditioning industry.
- Sealing of glasses, windows and doors and to prevent the pass of water, air and dust.
- Seal of joints in pre-formed concrete panels, serves as support.

## Advantages

- It remains flexible at low temperatures.
- Dimensionally stable. Does not drip, non exuded under compression.
- Easy, fast and clean application.
- It perfectly adapts to curves and irregular surfaces.
- Weather, mildew and oxidation resistance, providing a long service life
- A foam for multiple uses with excellent sealing properties.
- Pressure sensitive adhesive with protector on the nonadhesive side. Its excellent adherence makes the foam remain on its place during many assembly operations.
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## Application

The surfaces shall be free of dust, grease, oil, water and soil. The cleaning of smooth surfaces (like glass, metal, etc.) shall be done with two cleaning clothes, consisting in passing a (lint free) cleaning clothe impregnated with isopropyl alcohol, and removing immediately all the impurities with a clean and dry cleaning clothe. Do not touch the adhesive surface before applying the tape. The protector is on the side without adhesive, which allow a fast installation Do not remove the protector until the sealing tape is on its place. This prevent the foam from stretching.



tapes

CSEI-01

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## Recommendations

- Perform tests under actual application conditions to guarantee its proper operation.
- Do not remove liner or touch the adhesive during the installation to prevent contamination.
- **MST 400** tape shall be applied on clean surfaces to obtain the maximum contact. The thickness of the selected tape shall allow a minimum compression of 15%. Although the variations in surfaces will differ between one work an other.
- Do not stretch the tape during installation.

## Maintenance

- No maintenance required.
- If the application zone or the adhered piece suffer any damage, it is recommended to replace the tape for a new one eliminating the previous residues and following the application recommendations.

## Precautions

- The product contains plasticizers that may affect some plastics.
- Do not clean with products that can leave residues (like thinner, that may also affect the finishing of the products).
- Do not place the tape on dirty or unstable surfaces (steel without paint or wood).

## Limitations

- In structural glazing systems.
- In polycarbonate skylights.

## Presentation

### Colors

- Black

## Coverage

Code	Thickness	Width	Meters/ Rolls
MST-4116	1/16"	1/4" up to 4"	61.00
MST-418	1/8"	3/16" up to 4"	30.50
MST-4316	3/16"	1/4" up to 4"	15.25
MST-414	1/4"	1/4" up to 4"	15.25
MST-438	3/8"	3/8" up to 4"	7.62

## Shelf Life

12 months in cold and dry warehouse.

## Technical Support

Productos Pennsylvania's Technical Support is at your service, assisting you with:

Guidance in how to apply this or any of our products.

Blueprint reviews.

Joint dimension calculus.

Compatibility and adhesion testing of our sealants with different materials.

### NOTE:

Productos Pennsylvania S.A de C.V. provides technical assistance when required. Please contact our Technical Department regarding use and application of this product. It is the user's responsibility to test the product and its uses before application.

Productos Pennsylvania, S.A. de C.V.

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