



Scotch® Acrylic Foam 4229

double-sided adhesive tape

product information

07/02

Product Description / Markets

Y-4229 is a 3M™ Acrylic Foam adhesive tape made of a dark grey acrylic foam, especially for bonding plastic parts to metal.

Advantages

- The acrylic foam core is viscoelastic and thus enables high peel, tensile and shear strength
- Optimal force distribution over the entire adhesive surface
- Point load peaks are reduced
- The acrylic foam core absorbs tension and can withstand different, material-dependent
- Compensate for temperature expansion (e.g. metal / plastic connections)
- Dampens vibrations
- OEM-tested

applications

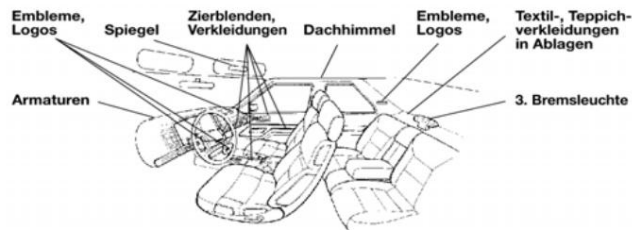
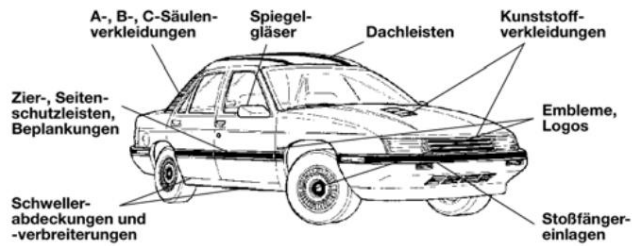
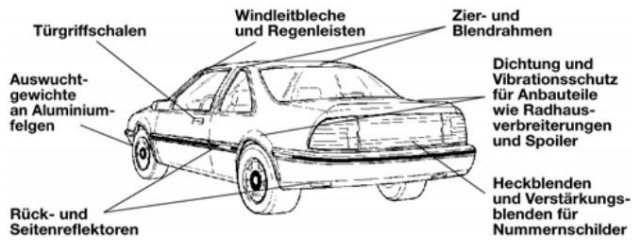
Typical applications are fastening of add-on parts such as bumper strips, trim strips, emblems, etc.

Y-4229 is characterized by very good adhesion to a variety of automotive surfaces, good internal strength, excellent long-term stability, and very good adaptability to the surfaces to be bonded. A special ability is to reduce tension in the bonded seam, which leads to extremely durable bonds.

The adhesive strength depends on the contact that the adhesive can develop with the surface. A good pressure ensures immediate full-surface contact. To check the pressure strength, we recommend a test bond on glass.

To achieve optimal bonding, the surfaces must be clean, solid, dry and as smooth as possible. For cleaning, we recommend 3M Adhesive Cleaner 08984.

Bonding temperature: at least +10°C.



product features

- Thickness: 0.8 mm
- Color: dark grey •
- Tearing force: 85 N after 72 hours at 22°C
- Peel strength: 40 N after 72 hours at 22°C

Test method: Adhesive tape 12.7 mm wide PVC test strip on base clear coat.

Pull-off speed: 305 mm / min. • Static shear strength: $\dot{\gamma}$ at 70°C and 100

hours weight: 250g $\dot{\gamma}$ bonded area (12.7 mm x 50.8 mm): 6.8 kg roll-up weight against stainless steel

standard dimensions

3M Part No.	dimension mm xm
06235	9 x 50
06236	12 x 50
06237	19 x 50
06238	25 x 50



storage

The tape should be stored in a clean and dry area. A temperature of 21°C and a humidity of 50% ensures the longest shelf life.

disclaimer

The above information represents our current experience and is not to be incorporated into specifications. Please check for yourself before using our product whether it is suitable for the intended purpose, also with regard to possible application-related influences. All questions regarding warranty and liability for this product are governed by the respective purchase contract provisions, unless statutory provisions provide otherwise.

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