



74508 Seal Line



Product Information

0.8 mm heat activatable acrylic foam tape for mounting window seal and water box seal applications

Product Description

tesa® ACX^{plus} 74508 Seal Line is a deep black acrylic foam tape for permanent mounting of weather strips and water box seals, mainly on automotive glass. It has a heat-activatable adhesive on the non-liner side. The adhesive gets activated by hot air or near-infrared when applying it onto the PP/EPDM, PP, TPV, or TPE seal.

Compared to the conventional process with primer, tesa® ACX^{plus} 74508 Seal Line ensures a highly secure bond to the rubber profile, enables a higher application speed than using primer, and improves the operational safety during the production process.

Its outstanding cold shock resistance is based on a modified acrylic foam core, which assures a reliable bond even at extreme low temperatures. Being viscoelastic, tesa® ACX^{plus} 74508 Seal Line absorbs and dissipates dynamic and static loads optimally. This exceptional capability enables tesa® ACX^{plus} 74508 Seal Line to compensate for extreme physical stress caused by the different thermal elongation of bonded parts in rapidly changing temperatures.

The deep black color provides an enhanced appearance and high design flexibility.

Product Features

- High stiffness is especially suitable for mounting water box profiles
- Efficient and secure bonding of the heat-activatable layer to seals
- PFAS / PFOS free Product
- Strong bonding of the heat-activatable layer to backing that withstands humidity and heat
- Closed cell acrylic foam core for reliable sealing to prevent water penetration
- High humidity and UV resistance
- Excellent cold shock performance

Application Fields

tesa® ACX^{plus} 74508 Seal Line can be widely used for mounting window seals, water box seals, sunroof seals, and obstacle detection systems (ODSs).

For latest information on this product please visit <http://l.tesa.com/?ip=74508>



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Product Information

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

| | | | |
|--------------------|-----------------------|-----------------------------|------------------|
| • Backing | foamed acrylic | • Color | deep black |
| • Type of adhesive | modified acrylic | • Type of adhesive to glass | modified acrylic |
| • Type of liner | PE/PP protection film | • Type of adhesive to seal | heat-activatable |
| • Total thickness | 8000 µm | | |

Properties/Performance Values

| | | | |
|-----------------------|---------|--------------------------|-----------|
| • Elongation at break | 400 % | • Ageing resistance (UV) | very good |
| • Tensile strength | 30 N/cm | • Humidity resistance | very good |

Adhesion to Values

| | | | |
|--|---------|--|---------|
| • Glass (covered side, after 1 day) | 56 N/cm | • TPE (T-Peel, after 1 day) | 35 N/cm |
| • Glass (covered side, after 10 days, warm / humid*) | 60 N/cm | • TPE (T-Peel, after 10 days, warm / humid*) | 40 N/cm |
| • Steel (covered side, after 3 days) | 26 N/cm | | |

Additional Information

PV28 = filmic liner in royal blue, heat sealable, silicone free, works with heat tabbing tape

PV29 = filmic liner in royal blue, siliconized to adhesive side and silicone free to tabbing side, works with both heat and adhesive tabbing tapes

Adhesion to glass: glass is primed with black 1K isocyanate primer. T-Peel test: heat-activatable adhesive to standard TPE. Adhesion data on glass and TPE are not part of the specification. *Warm/humid storage: 240hrs. at 40°C and 100% r.h.



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