



HMC-7RC

HMC-7RC is a hot-applied butyl rubber based adhesive/sealant that bonds to various substrates and creates a permanent seal against moisture, dust, and air intrusion.

Technology / Base	Butyl
Type of Product	Hot Applied Butyl Sealant
Appearance / Color	Black
Consistency	Hot Melt

Features and Benefits

- Has excellent adhesion to glass, EPDM, PVC
- Has excellent adhesion to painted metal substrates
- Extremely resistant to both interior and exterior environmental conditions
- Sag resistance at high temperature
- Excellent adhesion to automotive paint systems
- Excellent adhesion to polyethylene film
- Low temperature flexibility at -29°C (-20°F)
- Resistant to environmental exposure

Technical Data

Property	Typical Value	Test Method
Specific Gravity	1.2	ASTM D71
Solids Content	100%	
Sag Resistance 121° (250° F)	No movement	9985934
Ash Content	24%	FLTM-150-10
Force to Compress (5 mm diameter bead)	1.1 N/mm	ASTM C97250%
Yield Strength	150 kPa	MS-CD641
Cone Penetration	95 dmm	ASTM D217
Cold Slam -29°C (-20°F)	Pass 10 slams	GM9773P
Peel Strength	2,000 N/m	9985934
Service Temperature Range	-40°C to 121°C (-40°F to 250°F)	



Typical Applications

HMC-7RC is typically used for sealing fixed window modules, door water-deflectors, windshield reveal moldings, and as a hot applied gasket. It can also be used as a temporary adhesive and assembly aid to bond lightweight materials prior to final assembly.

General Instructions

HMC-7RC can be processed with standard hot-melt pumping equipment at a temperature of 121°C to 150°C (250°F to 300°F).

Clean Up:

Let material cool to room temperature and remove by pulling rapidly from the substrate. Residual traces can be removed with an aliphatic solvent (mineral spirits) or a 50/50 alcohol/water solution.

Specifications

Meets requirements of:

Chrysler	MS-CC-257 Type B MS-CD-641 Type B
Ford	WSK-M4G261-B1 & B2 WSS-M15P36-A2 WSS-M4G261-B3
GM	9985934 GM2219M GMW 15523
Nissan	NES M 8508

Typical Packaging

HMC-7RC Sealant is available in the following standard packages:

- 5 gallon pail
- 55 gallon drum

Storage and Shelf Life

Store material in original unopened packaging at temperatures between 4°C to 43°C (40°F to 110°F). Shelf life is 24 months minimum when stored as recommended.

Safety and Disposal

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions and disposal considerations.

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