

## IsoFlex IS 170C131 Black

IsoFlex IS 170C131 Black has a soft flexible foam core and a hard outer skin making it an integral skin foam. IsoFlex IS 170C131 Black self skins in the molding process.

### APPLICATIONS

- Cushions

### PRODUCT ADVANTAGES

- A durable outer skin surrounding the medium, flexible foam core.
- Optimized for machine processing

\*Values given are not intended to be used in specific preparation

### Component Properties

Color - ISO amber

Color - POL black

Specific Gravity - ISO 1.15

Specific Gravity - POL 1.03

Viscosity - ASTM D-2196 - 74°F, ISO 400 cps

Viscosity - ASTM D-2196 - 74°F, POL 950 cps

### Reactivity Profile

Ratio by Weight - ISO:POL 35 - 100

Mold Temperature 74 °F

Cream Time 13 Seconds

Gel Time 1.11 Minutes

Rise Time 1.56 Minutes

Tack Free Time 2.32 Minutes

Demold Time 60 - Minutes

### Typical Physical Properties

Free Rise Density - ASTM D1622 17 pcf

### RECOMMENDED HANDLING INSTRUCTIONS

IsoFlex IS 170C131 Black is to be used while polyol, isocyanate, and mold are at room temperature.

Isotec® International's Recommended Application and Handling Instructions

- Use only in well-ventilated areas.
- Wear chemically resistant rubber gloves, safety glasses, and an apron.
- Avoid prolonged or repeated contact with skin.
- In case of skin contact, wipe affected area with isopropyl alcohol, followed by soap and water.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.

If a two component system under Application and Handling:

Always mix/roll POL side prior to use to ensure a homogenous product.

## STORAGE

Protect Iso and Poly side from moisture. If the Iso side material is exposed to moisture, including moisture from the air, it will release CO<sub>2</sub> gas. If placed in a sealed container, this gas can cause a dangerous build up of pressure potentially resulting in injury or death. If the Poly side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied.

Always mix/roll Poly side prior to use to ensure a homogenous product.

Protect from moisture. If the Iso side material is exposed to moisture, including moisture from the air, it will release CO<sub>2</sub> gas.

## SAFETY

-Refer to the product SDS for all relevant safety information.

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- Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Since all aromatic urethanes experience color degradation upon ultraviolet light exposure, Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic urethane systems manufactured or sold by Seller.
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