

## IsoSpray 85W04

IsoSpray 85W04 is a non-HCFC, two-component, rigid polyurethane spray foam system.

### PRODUCT ADVANTAGES

- 1:1 System by volume
- 100% CFC/HCFC-Free
- Fire retardancy

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

### Component Properties

Color - ISO	Amber
Color - POL	Black
Viscosity - ASTM D-2196 - 74°F, ISO	200 - 300 cps
Viscosity - ASTM D-2196 - 74°F, POL	1000 - 2000 cps
Weight per gallon - ISO	10 - 10.5
Weight per gallon - POL	9 - 9.5

### Reactivity Profile

Ratio by Weight - ISO:POL	52 - 48
Ratio by Volume - ISO:POL	1 - 1
Cream Time	3 - 4 Seconds
Gel Time	10 - 13 Seconds
Rise Time	20 - 28 Seconds
Tack Free Time	22 - 28 Seconds

### Typical Physical Properties

Free Rise Density	8 - 9 pcf
-------------------	-----------

### RECOMMENDED HANDLING INSTRUCTIONS

Isotec® International's Recommended Application and Handling Instructions  
Always mix/roll ISO and POL side prior to use to ensure a homogenous product.

Recommended Equipment Settings  
ISO Component Temperature: 120°F  
POL Component Temperature: 120°F  
Hose Temperature: 120°F  
Application Pressure: 1000 psi  
Typical Spray Equipment: Graco H20/35  
Typical Spray Gun: Graco Air Fusion  
Typical Spray Gun Module: AR4242

## STORAGE

Protect ISO and POL side from moisture. If the ISO side material is exposed to moisture, including moisture from the air, it will release CO<sup>2</sup> 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 POL side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied.

## SAFETY

- Refer to the product SDS for all relevant safety information
- Use only in well-ventilated areas.
- Wear a half-face respirator while spraying.

---

Date Modified 11/30/2020

---

Since Seller exercises no control over Buyers application or use of the product manufactured by Seller (“product”) and since materials used with the product may vary, it is understood that:

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OR MERCHANTABILITY OR FOR ANY PARTICULAR PURPOSE. While all data presented in Seller’s technical data sheet is based on the best information available to Seller and believed correct, such data is not to be construed as a warranty that the product will conform to such specifications. Such technical data sheets are subject to change without notice. Reported laboratory test results of fire redundancy in no way relates to the actual performance under fire conditions. Since all urethane systems are organic, they will burn.
- 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.
- The liability of the Seller shall not exceed the purchase price and the Buyer shall not be entitled to nor the Seller be liable for any consequential, incidental, indirect or special damages resulting in any manner from the furnishing of the product.

[www.isotecintl.com](http://www.isotecintl.com)

“The Chemistry Behind Performance”®

(800) 234-6300

---