

# Ruscoe 12-1, 12-3 and 12-4 Nitrile Rubber Sealants

## Designed For The Toughest Sealing Jobs



### Using 12-1, 12-3, 12-4 Sealants makes very good sense.

12-1 Seam Sealer, 12-3 Self-Leveling Sealant and 12-4 Non-Sag Sealant are members of a special family of sealants. Based on an aluminum fortified adhesive formula, they incorporate the protective and elastic qualities of synthetic elastomers. These sealants do not require primers on properly prepared surfaces, can be applied at relatively low temperatures, and skin over to form a protective seal.

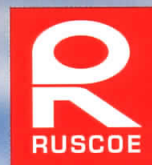
### Do The Job Right The First Time Out

Smart contractors have learned, sometimes the hard way, not to use materials that let them down.

They use Ruscoe nitrile rubber sealants to fill seams in gutters and downspouts, on roof and chimney flashings, windows and storm doors, heating and air conditioners, roof ducts and concrete joints to meet or exceed the toughest tests devised by customers or nature.

They have been designed for thin seam sealing, self leveling seals and overhead and vertical seals to be used with all commonly used construction materials. These products exhibit excellent adhesion to porous and non-porous substrates, including glass. They are also weatherproof, self cleaning and show excellent aging qualities and heat resistance.

### Proven Professionally... Everyday



**THE RUSCOE  
COMPANY**

Adhesives &  
Sealants

## TECHNICAL DATA

### Seam Sealer

Description: Ruscoe's 12-1 Seam Sealer is recommended for sealing openings less than 1/8 inch. It can be used as an effective sealant against water, chemicals, air and dirt for sealing seams in gutters, downspouts, roof and chimney flashings, animal feeders and troughs, wood, concrete, ceramic, brick, metal, stone, masonry, marble and glass. Ruscoe's 12-1 Seam Sealer is recommended for sealing horizontal seams only.

### Self-Leveling Sealant

Description: Ruscoe's 12-3 Self-Leveling Sealant is recommended for sealing openings greater than 1/8 inch. It can be used as an effective sealant against water, chemicals, air and dirt for wood or metal doors and windows, metal buildings, mobile home roofs and bodies, truck trailer roofs and bodies, HVAC ducting, concrete, ceramic, brick, metal, stone, masonry, marble and glass. Ruscoe's 12-3 Self-Leveling Sealant is recommended for sealing horizontal seams only.

### Non-Sag Sealant

Description: Ruscoe's 12-4 Non-Sag Sealant is recommended for sealing openings and lap joints greater than 1/8 inch. It can be used as an effective sealant against water, chemicals, air and dirt including wood or metal doors and windows, metal buildings, mobile home roofs and bodies, truck trailer roofs and bodies, HVAC ducting, wood, concrete, ceramic, brick, metal, stone, masonry, marble and glass. Ruscoe's 12-4 Non-Sag Sealant can be used on horizontal, vertical, overhead, slanted or angular surfaces.

## PRODUCT BENEFITS

- Aluminum fortified adhesive formula
- Excellent adhesive properties
- Excellent exterior durability and flexibility
- Can be applied at low temperatures
- Requires no primer
- Good adhesion to either porous or non-porous substrates—including glass
- Weatherproof—skins over to form a protective seal

Typical Physical Properties	12-1 Seam Sealer	12-3 Self-Leveling	12-4 Non-Sag
Color	Aluminum	Aluminum	Aluminum
Base Polymer	Nitrile Rubber	Nitrile Rubber	Nitrile Rubber
Total Solids by Weight, %	44.0	54.0	58.0
Specific Gravity	0.96	1.01	1.02
Pounds per Gallon	8.0	8.4	8.5
Viscosity, cps	50,000	450,000	1,100,000
Brookfield RVT, Spindle No.7 at	20 rpm	4 rpm	2 rpm
Solvents	Ketone, Aromatic	Ketone, Aromatic	Ketone, Aromatic
Flash Point, (TCC), °F	<0	<0	<0
Application Temperature, °F	40-100	40-100	40-100
Clean-Up	Acetone	Acetone	Acetone
VOC grams/liter	90	75	70

**HANDLING:** Ruscoe nitrile rubber sealants contain ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

**For important health, safety and handling information, consult Ruscoe's Material Safety Data Sheets before using these products.**

**NOTICE:** Ruscoe makes no warranty or representation as to the suitability of the products as specified herein for any particular applications. The determination of the suitability of the above specification for any particular use is solely the responsibility of the user.

All precautionary labels and notices should be read and understood by all supervisory personnel and employees before using. Consult Ruscoe and OSHA regulations for additional safety and health information. Purchaser is responsible for complying with all applicable federal, state or local regulations covering use of the product. Special attention should be given to consumer applications. Freedom to use any patent owned by Ruscoe or others is not to be inferred from any statement contained herein.



### THE RUSCOE COMPANY

Adhesives &  
Sealants

330.253.8148  
800.293.8148  
Fax: 330.253.2933

The Ruscoe Company  
P.O. Box 3858  
Akron, Ohio 44314

www.ruscoe.com  
Email: sales@ruscoe.com