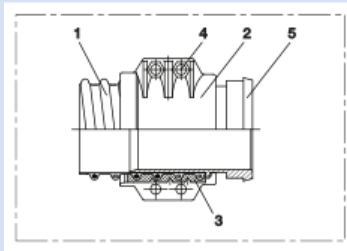


# CONNECT SAFETY CLAMP ASSEMBLY 231



Universal safety clamp coupling system  
incl. assembly if appropriate

### Applications

- food industry, pharmaceutical industry: food, pharmaceutical
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- pelleting machines/ tablet presses

### Properties

- special threaded sealing insert matched to the outer hose contour
- easily and quickly fitted
- re-usable

- vibration resistant
- Food grade sealing insert, complies with: FDA 21 CFR 177.2600 and 178.2010, EU-Directive 10/2011, EC 1935/2004 and EU 2015/174
- microbe and hydrolysis resistant
- good resistance to oil, gasoline, and chemicals
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### Temperature range

- -40°F to 195°F

- short time to 255°F

### Design

- AIRDUC® profile hose
- patented coupling system
- clamp shells: aluminium
- sealing insert: special premium ether-polyurethane (Pre-PUR®)
- screw and nut: galvanised steel gunmetal finish
- Adapter

### Delivery variants

- further diameters available on request

Size (in)	Suitable for hose I.D. (in)	Order No.
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#### Assembly with earthing of the spring steel wire at the adapters

0.984	Ø 25	231-0025-0000
1.575	Ø 40	231-0040-0000
1.969	Ø 50	231-0050-0000
2.559	Ø 65	231-0065-0000
2.953	Ø 75	231-0075-0000
3.150	Ø 80	231-0080-0000
3.937	Ø 100	231-0100-0000

#### Spare part, sealing insert

0.984	355 Ø 25	231-0025-2921
1.260	355 Ø 32	231-0032-2921
1.260	356 Ø 32	231-0032-2922
1.496	355 Ø 38	231-0038-2921
1.496	356 Ø 38	231-0038-2922
1.575	355 Ø 40	231-0040-2921
1.575	356 Ø 40	231-0040-2922
1.969	355 Ø 50	231-0050-2921
1.969	356 Ø 50	231-0050-2922
2.559	355 Ø 65	231-0065-2921
2.559	356 Ø 65	231-0065-2922
2.953	355 Ø 75	231-0075-2921
2.953	356 Ø 75	231-0075-2922
3.150	355 Ø 80	231-0080-2921
3.150	356 Ø 80	231-0080-2922
3.937	355 Ø 100	231-0100-2921

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/). NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

# CONNECT SAFETY CLAMP ASSEMBLY 231



Size (in)	Suitable for hose I.D. (in)	Order No.
3.937	356 Ø 100	231-0100-2922
<b>Clamp system (clamp shells, sealing insert, screws, and nuts)</b>		
0.984	355 Ø 25	231-0025-2970
1.260	355 Ø 32	231-0032-2970
1.260	356 Ø 32	231-0032-2971
1.496	355 Ø 38	231-0038-2970
1.496	356 Ø 38	231-0038-2971
1.575	355 Ø 40	231-0040-2970
1.575	356 Ø 40	231-0040-2971
1.969	355 Ø 50	231-0050-2970
1.969	356 Ø 50	231-0050-2971
2.559	355 Ø 65	231-0065-2970
2.559	356 Ø 65	231-0065-2971
2.953	355 Ø 75	231-0075-2970
2.953	356 Ø 75	231-0075-2971
3.150	355 Ø 80	231-0080-2970
3.150	356 Ø 80	231-0080-2971
3.937	355 Ø 100	231-0100-2970
3.937	356 Ø 100	231-0100-2971

## Accessories



CONNECT TRI-CLAMP  
FITTING 245



CONNECT THREAD FITTING  
234



CONNECT ASEPTIC FITTING  
249



CONNECT DAIRY FITTING 247

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/). NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.