



Universal safety clamp coupling system  
incl. assembly if appropriate

### Applications

- food industry, pharmaceutical industry: foodstuff, 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°C to 90°C

- short time to 125°C

### 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: available as an option

### Delivery variants

- further diameters available on request

Size (mm)	Suitable for Hose I.D. (mm)	Order No.
<b>Assembly with earthing of the spring steel wire at the adapters</b>		
25	Ø 25	231-0025-0000
40	Ø 40	231-0040-0000
50	Ø 50	231-0050-0000
65	Ø 65	231-0065-0000
75	Ø 75	231-0075-0000
80	Ø 80	231-0080-0000
100	Ø 100	231-0100-0000
<b>Spare Part Sealing Insert</b>		
25	355 Ø 25	231-0025-2921
32	355 Ø 32	231-0032-2921
32	356 Ø 32	231-0032-2922
38	355 Ø 38	231-0038-2921
38	356 Ø 38	231-0038-2922
40	355 Ø 40	231-0040-2921
40	356 Ø 40	231-0040-2922
50	355 Ø 50	231-0050-2921
50	356 Ø 50	231-0050-2922
65	355 Ø 65	231-0065-2921
65	356 Ø 65	231-0065-2922
75	355 Ø 75	231-0075-2921
75	356 Ø 75	231-0075-2922
80	355 Ø 80	231-0080-2921
80	356 Ø 80	231-0080-2922
100	355 Ø 100	231-0100-2921

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).

# CONNECT SAFETY CLAMP ASSEMBLY 231



Size (mm)	Suitable for Hose I.D. (mm)	Order No.
100	356 Ø 100	231-0100-2922
<b>Clamp system (Clamp shells, sealing insert, screws and nuts)</b>		
25	355 Ø 25	231-0025-2970
32	355 Ø 32	231-0032-2970
32	356 Ø 32	231-0032-2971
38	355 Ø 38	231-0038-2970
38	356 Ø 38	231-0038-2971
40	355 Ø 40	231-0040-2970
40	356 Ø 40	231-0040-2971
50	355 Ø 50	231-0050-2970
50	356 Ø 50	231-0050-2971
65	355 Ø 65	231-0065-2970
65	356 Ø 65	231-0065-2971
75	355 Ø 75	231-0075-2970
75	356 Ø 75	231-0075-2971
80	355 Ø 80	231-0080-2970
80	356 Ø 80	231-0080-2971
100	355 Ø 100	231-0100-2970
100	356 Ø 100	231-0100-2971

## Accessories



CONNECT DAIRY FITTING 247



CONNECT ASEPTIC FITTING 249



CONNECT TRI-CLAMP FITTING 245



CONNECT THREAD FITTING 234

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).