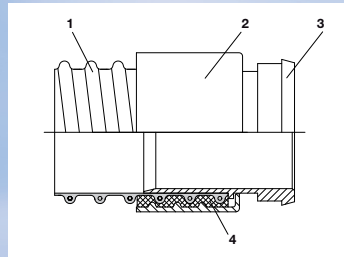




**NEW**



**Crimped coupling system for externally corrugated spiral hoses**

**Properties**

- for powders and pellets
- special threaded sealing insert adapted to the outer hose contour
- vibration resistant
- high tensile strength and tear resistant
- food grade sealing insert, complies with: FDA 21 CFR 177.2600 and 178.2010, EU Directive 2002 /72/EC, incl. amending Directives 975/2009 and Regulation No. 10/2011
- odourless and tasteless
- microbe and hydrolysis resistant

- good resistance to mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone
- free of softener and halogen
- very robust
- conform to RoHS guideline
- according to the German TRBS 2153 (formerly BGR 132): the metal hose spiral is fixed to the metal adapter

**Temperature Range**

- -40 °C approx. to +90 °C approx.

**Design, material**

1. AIRDUC® profile hose
2. pressing sleeve: stainless steel 1.4404 = AISI 316L
3. adapter: material acc. to table
4. sealing insert: special premium ether-polyurethane (Pre-PUR®)

**Suitable for Hose**

AIRDUC®: 355+356, 355+356 MHF, HT-PUR 355+356, INOX 355+356 MHF-AS, INOX 355 MHF

Size	Suitable for Hose I.D.	I.D. d1	tightly crimped TRI-Clamp DIN 32676 Stainless steel 1.4404 (stamped) = AISI 316L
mm	mm	mm	Order No.
25	355 ø 25	26	232-0025-2988
32	355 ø 32	32	232-0032-2988
32	356 ø 32	32	232-0032-2989
40	355 ø 40	38	232-0040-2988
40	356 ø 40	38	232-0040-2989
50	355 ø 50	50	232-0050-2988
50	356 ø 50	50	232-0050-2989
65	355 ø 65	66	232-0065-2988
65	356 ø 65	66	232-0065-2989
80	355 ø 80	81	232-0080-2988
80	356 ø 80	81	232-0080-2989
100	355 ø 100	100	232-0100-2988
100	356 ø 100	100	232-0100-2989

Size	Suitable for Hose I.D.	I.D. d1	Thread	tightly crimped dairy coupling DIN 2826/11877 Conical Adapter Stainless steel 1.4301 (stamped) = AISI 304
mm	mm	mm		Order No.
25	355 ø 25	21	RD 52x1/6	232-0025-2980
32	355 ø 32	28	RD 58x1/6	232-0032-2980
32	356 ø 32	28	RD 58x1/6	232-0032-2981
38	355 ø 38	33	RD 65x1/6	232-0038-2980
38	356 ø 38	33	RD 65x1/6	232-0038-2981
40	355 ø 40	35	RD 65x1/6	232-0040-2980
40	356 ø 40	35	RD 65x1/6	232-0040-2981
50	355 ø 50	44,9	RD 78x1/6	232-0050-2980
50	356 ø 50	44,9	RD 78x1/6	232-0050-2981
65	355 ø 65	58	RD 95x1/6	232-0065-2980
65	356 ø 65	58	RD 95x1/6	232-0065-2981
75	355 ø 75	69,6	RD 110x1/4	232-0075-2980



Size	Suitable for Hose I.D.	I.D. d1	Thread	tightly crimped dairy coupling DIN 2826/11877 Conical Adapter Stainless steel 1.4301 (stamped) = AISI 304 Order No.
mm	mm	mm		
75	356 ø 75	69,6	RD 110x1/4	232-0075-2981
80	355 ø 80	73	RD 110x1/4	232-0080-2980
80	356 ø 80	73	RD 110x1/4	232-0080-2981
100	355 ø 100	93,5	RD 130x1/4	232-0100-2980
100	356 ø 100	93,5	RD 130x1/4	232-0100-2981

Size	Suitable for Hose I.D.	I.D. d1	Thread	tightly crimped dairy coupling DIN 2826/11877 Threaded adapter stainless steel 1.4301 (stamped) = AISI 304 Order No.
mm	mm	mm		
25	355 ø 25	21	RD 52x1/6	232-0025-2982
32	355 ø 32	28	RD 58x1/6	232-0032-2982
32	356 ø 32	28	RD 58x1/6	232-0032-2983
38	355 ø 38	33	RD 65x1/6	232-0038-2982
38	356 ø 38	33	RD 65x1/6	232-0038-2983
40	355 ø 40	35	RD 65x1/6	232-0040-2982
40	356 ø 40	35	RD 65x1/6	232-0040-2983
50	355 ø 50	44,9	RD 78x1/6	232-0050-2982
50	356 ø 50	44,9	RD 78x1/6	232-0050-2983
65	355 ø 65	58	RD 95x1/6	232-0065-2982
65	356 ø 65	58	RD 95x1/6	232-0065-2983
75	355 ø 75	69,6	RD 110x1/4	232-0075-2982
75	356 ø 75	69,6	RD 110x1/4	232-0075-2983
80	355 ø 80	73	RD 110x1/4	232-0080-2982
80	356 ø 80	73	RD 110x1/4	232-0080-2983
100	355 ø 100	93,5	RD 130x1/4	232-0100-2982
100	356 ø 100	93,5	RD 130x1/4	232-0100-2983

Size	Suitable for Hose I.D.	I.D. d1	Thread	tightly crimped dairy coupling DIN 2826/11877 Conical Adapter Stainless steel 1.4571 (stamped) = AISI 316Ti Order No.
mm	mm	mm		
25	355 ø 25	21	RD 52x1/6	232-0025-2984
32	355 ø 32	28	RD 58x1/6	232-0032-2984
32	356 ø 32	28	RD 58x1/6	232-0032-2985
38	355 ø 38	33	RD 65x1/6	232-0038-2984
38	356 ø 38	33	RD 65x1/6	232-0038-2985
40	355 ø 40	35	RD 65x1/6	232-0040-2984
40	356 ø 40	35	RD 65x1/6	232-0040-2985
50	355 ø 50	44,9	RD 78x1/6	232-0050-2984
50	356 ø 50	44,9	RD 78x1/6	232-0050-2985
65	355 ø 65	58	RD 95x1/6	232-0065-2984
65	356 ø 65	58	RD 95x1/6	232-0065-2985
75	355 ø 75	69,6	RD 110x1/4	232-0075-2984
75	356 ø 75	69,6	RD 110x1/4	232-0075-2985
80	355 ø 80	73	RD 110x1/4	232-0080-2984
80	356 ø 80	73	RD 110x1/4	232-0080-2985
100	355 ø 100	93,5	RD 130x1/4	232-0100-2984
100	356 ø 100	93,5	RD 130x1/4	232-0100-2985



Size	Suitable for Hose I.D.	I.D. d1	Thread	tightly crimped dairy coupling DIN 2826/11877 Threaded adapter Stainless steel 1.4571 (stamped) = AISI 316Ti Order No.
mm	mm	mm		
25	355 ø 25	21	RD 52x1/6	232-0025-2986
32	355 ø 32	28	RD 58x1/6	232-0032-2986
32	356 ø 32	28	RD 58x1/6	232-0032-2987
38	355 ø 38	33	RD 65x1/6	232-0038-2986
38	356 ø 38	33	RD 65x1/6	232-0038-2987
40	355 ø 40	35	RD 65x1/6	232-0040-2986
40	356 ø 40	35	RD 65x1/6	232-0040-2987
50	355 ø 50	44,9	RD 78x1/6	232-0050-2986
50	356 ø 50	44,9	RD 78x1/6	232-0050-2987
65	355 ø 65	58	RD 95x1/6	232-0065-2986
65	356 ø 65	58	RD 95x1/6	232-0065-2987
75	355 ø 75	69,6	RD 110x1/4	232-0075-2986
75	356 ø 75	69,6	RD 110x1/4	232-0075-2987
80	355 ø 80	73	RD 110x1/4	232-0080-2986
80	356 ø 80	73	RD 110x1/4	232-0080-2987
100	355 ø 100	93,5	RD 130x1/4	232-0100-2986
100	356 ø 100	93,5	RD 130x1/4	232-0100-2987

Size	Thread	tightly crimped with adapter DIN ISO 228 threaded adapter aluminium Order No.
mm		
25	G1	232-0025-2931
32	G1 1/4	232-0032-2931
32	G1 1/4	232-0032-2932
38	G1 1/2	232-0038-2931
38	G1 1/2	232-0038-2932
40	G1 1/2	232-0040-2931
40	G1 1/2	232-0040-2932
50	G2	232-0050-2931
50	G2	232-0050-2932
65	G2 1/2	232-0065-2931
65	G2 1/2	232-0065-2932
75	G3	232-0075-2931
75	G3	232-0075-2932
80	G3	232-0080-2931
80	G3	232-0080-2932
100	G4	232-0100-2931
100	G4	232-0100-2932

Size	Thread	tightly crimped with adapter DIN ISO 228, threaded adapter Electro-galvanised steel Order No.
mm		
25	G1	232-0025-2941
32	G1 1/4	232-0032-2941
32	G1 1/4	232-0032-2942
38	G1 1/2	232-0038-2941
38	G1 1/2	232-0038-2942
40	G1 1/2	232-0040-2941
40	G1 1/2	232-0040-2942
50	G2	232-0050-2941
50	G2	232-0050-2942
65	G2 1/2	232-0065-2941



Size	Thread	tightly crimped with adapter DIN ISO 228, threaded adapter Electro-galvanised steel
mm		Order No.
65	G2 1/2	232-0065-2942
75	G3	232-0075-2941
75	G3	232-0075-2942
80	G3	232-0080-2941
80	G3	232-0080-2942
100	G4	232-0100-2941
100	G4	232-0100-2942

Size	Thread	tightly crimped with adapter DIN ISO 228, threaded adapter Stainless steel 1.4301 (stamped) = AISI 304
mm		Order No.
25	G1	232-0025-2951
32	G1 1/4	232-0032-2951
32	G1 1/4	232-0032-2952
38	G1 1/2	232-0038-2951
38	G1 1/2	232-0038-2952
40	G1 1/2	232-0040-2951
40	G1 1/2	232-0040-2952
50	G2	232-0050-2951
50	G2	232-0050-2952
65	G2 1/2	232-0065-2951
65	G2 1/2	232-0065-2952
75	G3	232-0075-2951
75	G3	232-0075-2952
80	G3	232-0080-2951
80	G3	232-0080-2952
100	G4	232-0100-2951
100	G4	232-0100-2952

Size	Thread	tightly crimped with adapter DIN ISO 228, threaded adapter Stainless steel 1.4404 (stamped) = AISI 316L
mm		Order No.
25	G1	232-0025-2961
32	G1 1/4	232-0032-2961
32	G1 1/4	232-0032-2962
38	G1 1/2	232-0038-2961
38	G1 1/2	232-0038-2962
40	G1 1/2	232-0040-2961
40	G1 1/2	232-0040-2962
50	G2	232-0050-2961
50	G2	232-0050-2962
65	G2 1/2	232-0065-2961
65	G2 1/2	232-0065-2962
75	G3	232-0075-2961
75	G3	232-0075-2962
80	G3	232-0080-2961
80	G3	232-0080-2962
100	G4	232-0100-2961
100	G4	232-0100-2962



Size	Suitable for Hose I.D.	I.D. d1	Outer-Ø Flange	tightly crimped with adapter Aseptic DIN 11864-3, sealing type A, clamp Stainless steel 1.4404 (stamped) = AISI 316L
mm	mm	mm		Order No.
25	355 ø 25	26	50,5	232-0025-2990
32	355 ø 32	32	50,5	232-0032-2990
32	356 ø 32	32	50,5	232-0032-2991
40	355 ø 40	38	64	232-0040-2990
40	356 ø 40	38	64	232-0040-2991
50	355 ø 50	50	77,5	232-0050-2990
50	355 ø 50	50	77,5	232-0050-2991
65	355 ø 65	66	91	232-0065-2990
65	356 ø 65	66	91	232-0065-2991
80	355 ø 80	81	106	232-0080-2990
80	356 ø 80	81	106	232-0080-2991
100	355 ø 100	100	130	232-0100-2990
100	356 ø 100	100	130	232-0100-2991

Size	Suitable for Hose I.D.	I.D. d1	Thread	tightly crimped with adapter Aseptic DIN 11864-3, sealing type A, connector / flanged adapter Stainless steel 1.4404 (stamped) = AISI 316L
mm	mm	mm		Order No.
25	355 ø 25	26	RD 52x1/6	232-0025-2992
32	355 ø 32	32	RD 58x1/6	232-0032-2992
32	356 ø 32	32	RD 58x1/6	232-0032-2993
40	355 ø 40	38	RD 65x1/6	232-0040-2992
40	356 ø 40	38	RD 65x1/6	232-0040-2993
50	355 ø 50	50	RD 78x1/6	232-0050-2992
50	356 ø 50	50	RD 78x1/6	232-0050-2993
65	355 ø 65	66	RD 95x1/6	232-0065-2992
65	356 ø 65	66	RD 95x1/6	232-0065-2993
80	355 ø 80	81	RD 110x1/4	232-0080-2992
80	356 ø 80	81	RD 110x1/4	232-0080-2993
100	355 ø 100	100	RD 130x1/4	232-0100-2992
100	356 ø 100	100	RD 130x1/4	232-0100-2993

Other diameters available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on [www.norres.com](http://www.norres.com).