



Crush resistant hose

### Application

- airport, airplane, rail vehicle, train, railway, boat, ship/ vessel, yacht: toilet discharging/ disposal
- municipal vehicle: sweeper, sweeping machine
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector

### Properties

- medium-heavy duty
- highly flexible
- highly abrasion resistant
- crush resistant
- Food grade wall, complies with: EU-Directive 10/2011 and EC 1935/2004, incl. the latest EU-Directive 2015/174, FDA 21 CFR 177.2600

- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### Temperature Range

- -40°C to 90°C
- short time to 125°C

### Design

- patented PROTAPE® tape hose

- special plastic-profile supporting spiral
- wall: special premium ether-polyurethane (Pre-PUR®)
- wall thickness 0,6 mm approx.
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### Delivery variants

- further diameters and lengths available on request
- transparent + partially black coloured (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Minimum Quantity	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	(m)	

#### Special version lavatory waste removal hose\*, with soft cuffed ends; blue translucent; not foodgrade; UV stabilized

- / 105	127.00	0,682	0,086	73.00	0.98	100	-	10	327-0105-0275
7 / 178-180	202.00	0,451	0,020	120.00	0.98	80	-	10	327-0180-0275
8 / 200-203	222.00	0,400	0,013	130.00	1.90	60	-	10	327-0200-0275
10 / 254	275.00	0,262	0,009	157.00	2.43	40	-	10	327-0254-0275
12 / 305	327.00	0,132	0,008	183.00	2.92	30	-	10	327-0305-0275
15 / 381	403.00	0,137	0,006	222.00	3.66	30	-	10	327-0381-0275

#### Standard Version

2 / 50-51	72.00	1,394	0,486	35.00	0.46	-	10	-	327-0050-0000
4 / 100-102	122.00	0,700	0,090	70.00	0.92	-	10	-	327-0100-0000
5 / 125-127	147.00	0,608	0,070	85.00	1.19	-	10	-	327-0125-0000
6 / 150-152	172.00	0,500	0,050	100.00	1.43	-	10	-	327-0150-0000
7 / 178-180	202.00	0,451	0,021	120.00	1.71	-	10	-	327-0180-0000
8 / 200-203	222.00	0,400	0,013	130.00	1.90	-	10	-	327-0200-0000

#### flame-retardant wall acc. to DIN4102-B1; antistatic wall acc. ISO 8031 electrical and surface resistance <math>10^9 \Omega</math>; wall: special premium ester-polyurethane (Pre-PUR®); wall: none food grade & none microbe & hydrolysis resistant; grounding wire

2 / 50-51	72.00	1,394	0,486	35.00	0.46	150	-	10	327-0050-5878
4 / 100-102	122.00	0,700	0,090	70.00	0.92	100	-	10	327-0100-5878
5 / 125-127	147.00	0,608	0,070	85.00	1.19	100	-	10	327-0125-5878
6 / 150-152	172.00	0,500	0,050	100.00	1.43	80	-	10	327-0150-5878
7 / 178-180	202.00	0,451	0,021	120.00	1.71	80	-	10	327-0180-5878
8 / 200-203	222.00	0,400	0,013	130.00	1.90	60	-	10	327-0200-5878

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/)

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## Accessories



CONNECT 270-271



CLAMP 212



CLAMP 217



CONNECT 228



CLAMP 213

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