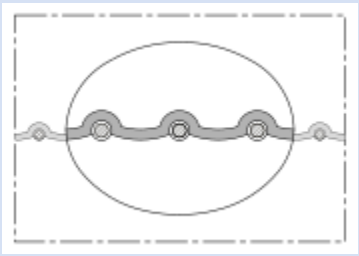
WELLFLEX® PVC 111





Highly flexible plastic protection conduit; liquid tight; spiral: plastic coated spring steel wire

Applications
- cable protection: cable protection conduit, cable protection tube, cable protection hose, electric installation, switch cabinets, switch cabinet installation, cable harnessing/ cable assembly
- X-ray machine: cable protection conduit (special type on request)
- ultrasonic nebulizers/ ultrasound humidifier: aerosol hose (special type on request)
- medical equipment/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose

Properties
- IP 68 to EN/ IEC 60529
- highly flexible + compressible
- good resistance to alkalis and acids
- good resistance to chemicals
- flame-retardant according to: UL94-HB
- approved to DIN EN 50369
- conforms to RoHS guideline

Temperature Range
- -20 °C to 70 °C
- short time to 80 °C

Design
- WELLFLEX® design
- plastic coated spring steel wire
- wall: high grade soft PVC
- wall thickness 0.4 - 0.9 mm approx. depending on diameter

Delivery variants
- further diameters and lengths available on request
- grey (standard)
- special colours: full coloured
- customer-specific branding

Nominal width connecting part (mm)	I.D. (mm)	outer Ø (mm)	Bending Radius (middle of hose) (mm)	Dyn. Bending Radius acc. to Norm (mm)	Weight (kg/m)	PU (m)	Order No.
			PU: 10				
10	7	10.00	10	28	0.05	10	111-3010-9010
14	10	14.00	14	40	0.08	10	111-3014-9010
17	13	17.00	17	48	0.12	10	111-3017-9010
19	15	19.00	19	55	0.13	10	111-3019-9010
21	16	21.00	21	60	0.14	10	111-3021-9010
27	21	27.00	27	75	0.26	10	111-3027-9010
36	30	36.00	36	100	0.35	10	111-3036-9010
45	38	45.00	45	124	0.54	10	111-3045-9010
52	44	52.00	52	143	0.67	10	111-3052-9010
56	48	56.00	56	154	0.70	10	111-3056-9010
			PU: 50				
10	7	10.00	10	28	0.05	50	111-3010-9050
14	10	14.00	14	40	0.08	50	111-3014-9050
17	13	17.00	17	48	0.12	50	111-3017-9050
19	15	19.00	19	55	0.13	50	111-3019-9050
21	16	21.00	21	60	0.14	50	111-3021-9050
27	21	27.00	27	75	0.26	50	111-3027-9050
			PU: 25				
36	30	36.00	36	100	0.35	25	111-3036-9025

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/.

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45	38	45.00	45	124	0.54	25	111-3045-9025
52	44	52.00	52	143	0.67	25	111-3052-9025
56	48	56.00	56	154	0.70	25	111-3056-9025

Accessories



AD-H 181



AU 159



GK 169



AD-K 180



GM 164

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