



Polyamide coated metal protection hose;
robust and liquid tight; hooked metal profile

Applications

- cable protection: cable protection conduit, cable protection tube, cable protection hose, electric installation, switch cabinets, switch cabinet installation, cable harnessing/ cable assembly

Properties

- IP 68 to EN/ IEC 60529
- increased resistance to tear, pressure and impact
- good resistance to oil, gasoline and chemicals
- good resistance to alkalis and acids

- flame-retardant
- conforms to RoHS guideline

Temperature Range

- -40°C to 110°C
- short time to 150°C

Design

- Metal hose

- profiled metal strip, galvanised steel
- hooked profile
- wall: high grade polyamide (PA)

Delivery variants

- further diameters and lengths available on request
- black (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	40	80	0.08	10	104-3010-9010
10	7	10.00	40	80	0.08	50	104-3010-9050
14	10	14.00	46	115	0.14	10	104-3014-9010
17	13	17.00	55	135	0.19	10	104-3017-9010
19	15	19.00	60	150	0.21	10	104-3019-9010
21	17	21.00	68	168	0.25	10	104-3021-9010
27	22	27.00	80	215	0.40	10	104-3027-9010
36	29	36.00	110	288	0.70	10	104-3036-9010
45	38	45.00	134	360	0.90	10	104-3045-9010
52	45	52.00	165	415	1.13	10	104-3052-9010
56	49	56.00	180	448	1.18	10	104-3056-9010
PU: 50							
14	10	14.00	46	115	0.14	50	104-3014-9050
17	13	17.00	55	135	0.19	50	104-3017-9050
19	15	19.00	60	150	0.21	50	104-3019-9050
21	17	21.00	68	168	0.25	50	104-3021-9050
27	22	27.00	80	215	0.40	50	104-3027-9050
PU: 25							
36	29	36.00	110	288	0.70	25	104-3036-9025
45	38	45.00	134	360	0.90	25	104-3045-9025
52	45	52.00	165	415	1.13	25	104-3052-9025
56	49	56.00	180	448	1.18	25	104-3056-9025

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/.

Accessories



AU 159



GM 164



GK 169