



Abrasion-proof, oil resistant and polyurethane coated metal protection conduit; very 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
- highly flexible
- highly abrasion resistant
- increased resistance to tear, pressure and impact
- microbe and hydrolysis resistant

- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- conforms to RoHS guideline

## Temperature Range

- -40°C to 90°C
- short time to 125°C

## Design

- Metal hose

- profiled metal strip, galvanised steel
- hooked profile

- wall: special premium ether-polyurethane (Pre-PUR®)

## Delivery variants

- further diameters and lengths available on request
- metallic blue (standard)
- special colours: full coloured
- customer-specific branding

| Nominal width connecting part<br>(mm) | I.D.<br>(mm) | outer Ø<br>(mm) | Bending Radius<br>(middle of hose)<br>(mm) | Dyn. Bending Radius acc. to Norm<br>(mm) | Weight<br>(kg/m) | PU<br>(m) | Order No.     |
|---------------------------------------|--------------|-----------------|--|--|------------------|-----------|---------------|
| PU: 10                                |              |                 |  |  |                  |           |               |
| 10                                    | 7            | 10.00           | 40   | 40                                       | 0.08             | 10        | 105-3010-9010 |
| 14                                    | 10           | 14.00           | 46   | 48                                       | 0.14             | 10        | 105-3014-9010 |
| 21                                    | 17           | 21.00           | 75   | 75                                       | 0.23             | 10        | 105-3021-9010 |
| PU: 50                                |              |                 |  |  |                  |           |               |
| 10                                    | 7            | 10.00           | 40   | 40                                       | 0.08             | 50        | 105-3010-9050 |
| 14                                    | 10           | 14.00           | 46   | 48                                       | 0.14             | 50        | 105-3014-9050 |
| 17                                    | 13           | 17.00           | 55   | 55                                       | 0.17             | 50        | 105-3017-9050 |
| 19                                    | 15           | 19.00           | 60   | 60                                       | 0.19             | 50        | 105-3019-9050 |
| 21                                    | 17           | 21.00           | 75   | 75                                       | 0.23             | 50        | 105-3021-9050 |
| 27                                    | 22           | 27.00           | 90   | 90                                       | 0.38             | 50        | 105-3027-9050 |
| PU: 25                                |              |                 |  |  |                  |           |               |
| 36                                    | 29           | 36.00           | 110  | 110                                      | 0.60             | 25        | 105-3036-9025 |
| 45                                    | 38           | 45.00           | 140  | 140                                      | 0.80             | 25        | 105-3045-9025 |
| 56                                    | 49           | 56.00           | 175  | 175                                      | 1.08             | 25        | 105-3056-9025 |

## Accessories

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/).



GK 169



GM 164



AU 159