



Abrasion-proof, oil resistant and polyurethane coated metal protection conduit; extremely robust and liquid tight; double folded 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
- good screening factor (EMC)
- 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
- twice rolled 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 (mm)	I.D. (mm)	outer Ø (mm)	Bending Radius (middle of hose) (mm)	Weight (kg/m)	PU (m)	Order No.
PU: 10						
17	13	17.00	65	0.28	10	151-3017-9010
19	15	19.00	70	0.32	10	151-3019-9010
27	22	27.00	101	0.45	10	151-3027-9010
45	38	45.00	188	1.10	10	151-3045-9010
PU: 50						
17	13	17.00	65	0.28	50	151-3017-9050
21	17	21.00	77	0.35	50	151-3021-9050
27	22	27.00	101	0.45	50	151-3027-9050
PU: 25						
36	30	36.00	146	0.85	25	151-3036-9025
45	38	45.00	188	1.10	25	151-3045-9025
56	50	56.00	240	1.40	25	151-3056-9025

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.

METAL HOSE Agraff PUR 151



GM 164

AU 159

GK 169

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