

HDPE corrugated pipe / UV-stable / 750 N smooth inside, with sleeve and pull-in aid

UV-stable corrugated conduit made of HDPE (UV-stabilized) for safe underground and above-ground installation in solar farms, industrial facilities, and infrastructure projects. High compressive strength of 750 N and excellent chemical resistance ensure long-lasting cable protection in harsh environments. Corrugated on the outside and smooth on the inside for low-friction cable pulling; with a sleeve fitted on one side for easy connection of multiple pipes. Includes a pull-in aid for fast, efficient installation; UV weather-resistant for at least 10 years.



Technical data:

Material:

Color:

Design:

Application temperature:

Compressive strength:

Chemical resistance:

UV resistance:

Protection class:

Length tolerance:

Standards:

Material:	HDPE-UV (high-density polyethylene, UV-stabilized), halogen-free, high impact resistance
Color:	black
Design:	unslotted / corrugated outside, smooth inside / with sleeve fitted on one side and pull-in aid
Application temperature:	-5 °C to +90 °C
Compressive strength:	750 N / 20 cm
Chemical resistance:	acetone, ammonia, ethanol, sodium hydroxide, hydrofluoric acid, acetic acid, sulfuric acid, oils, kerosene, hydrogen peroxide, sodium carbonate (*depending on the concentration of the medium)
UV resistance:	yes / UV weather-resistant
Protection class:	IP44 with coupling (IP68 when using special sealant)
Length tolerance:	approx. ± 0.5 m
Standards:	REACH, RoHS (also available on request with CE and VDE certificate, as well as with antistatic properties and protection against rodent bites). Please contact us – we will be happy to advise you!

[Size chart on page 2](#)



Size chart:

Item no.	Nominal diameter	Ø inside [mm]	Ø outside [mm]	Content [m]
32801	32	24.8	32	50
32802	40	31	40	50
32803	50	40	50	50
32804	63	49.8	63	50
32805	75	60.6	75	50
32806	90	75.3	90	50
32807	110	92.7	110	50
32808	125	105	125	50
32809	160	136.5	160	25
32810	200	171.1	200	25

(Subject to deviations within tolerances)