

# Polyflex Overlap. Schlemmer Innovation.

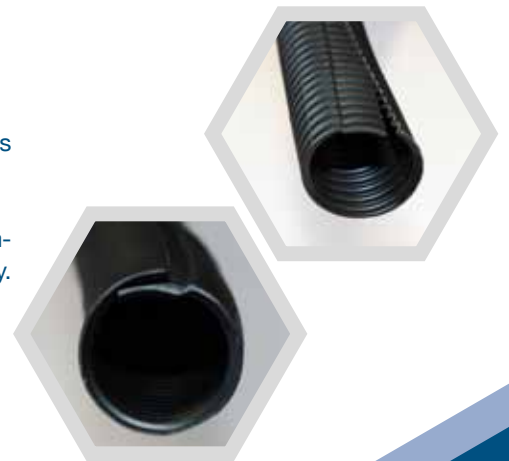


## Unique to use.

Our newly patented<sup>1</sup> Polyflex Overlap can be combined as an overlapping corrugated tube with all Schlemmer system parts such as manifolds and connector interfaces. A perfect fit and

high pull-out forces of the system parts ensure optimum hold.

In addition, reduced ovality and a compressed geometry ensure shape accuracy.



## APPLICATION

- Easy and uncomplicated assembly.
- The optimal closure technology (U profile) and a larger overlap area ensure a secure hold of the lines during rotation and bending of the corrugated tube.
- Optimum protection of the cables by blunting concealed slit edge.
- High flexibility when laying with narrow radii in a complex installation space.

## PRODUCT ADVANTAGES

- Securely sealed, even with small bending radius
- Easy to assemble
- Robust
- Flexible

## CERTIFICATIONS

- LV 312\*
- RoHS
- FVMSS 302
- UL94
- REACH

\* In test according to revision status of the delivery specification

**Schlemmer Group**

info@schlemmer.com  
www.schlemmer.com

## Polyflex Overlap

### CHARACTERISTICS

#### Temperature range

3.000 h: -40°C to 135°C  
500 h: -40°C to 150°C

#### Flame retardancy

UL94: HB  
According to FMVSS 302: self-extinguishing

#### Colour

Black, others on request

#### Material

PPmod, others on request

#### Profile

normal

NW	Overlap length mm	Container Art.No.	Ring   Coil Art.No.
4,5	2,0	1960104	1960204
7,5	2,5	1960107	1960207
8,5	4,0	1960108	1960208
10	4,0	1960110	1960210
13	4,0	1960113	1960213
14	4,5	1960114	1960214
17	6,5	1960117	1960217
19	6,5	1960119	1960219



### Innovative production

Unlike in conventional techniques, the infrared process does not use electric heat and subsequent cooling with air, as this only acts on the surface. In contrast to this, in the production of the Polyflex Overlap, we focus on holistic production by means of infrared technology with subsequent water cooling. This creates a homogeneous material and sustainable shaping.

This ensures a „deep impact“!

### Schlemmer cable management

Our core competence is smart and innovative solutions for your cable management. We offer a wide range of versatile system parts for almost every cable management application. Of course, this also includes solutions for optimal cable routing in a complex installation space: reliable over long distances or in a high-temperature range.

For this purpose, we use our comprehensive product portfolio which is manufactured using injection moulding as well as extrusion processes.



**The Schlemmer Group** is a global technology expert, which has focused on the development and production of highly specialised synthetics and metal solutions.

Building on 60 years of experience in cable protection, the group of companies headquartered in Upper Bavaria has become one of the leading and

most comprehensive value added providers, supporting its clients as an intelligent consulting and service partner. In addition to the core Automotive business area, the Schlemmer Group also pursues activities in a wide range of other sectors with its Industry business area.

Local. Global. Total. Schlemmer.

#### Do you have any questions?

Visit our website  
[www.schlemmer.com](http://www.schlemmer.com)  
or send an e-mail to  
[info@schlemmer.com](mailto:info@schlemmer.com)

