

### Application and features

With our WGT® product line, good strain and push relief is already achieved. However, many customers want even higher strain and push relief forces for cable fixation. To achieve this, elaborate design changes were often made to the assemblies such as closures/cabinet, but usually only with limited success but at considerable cost. For this reason we have developed our PowerClip®. With the PowerClip®, the strain relief elements (aramid yarn) of the cable are intercepted directly on the component. This significantly improves the strain and push relief (see technical data sheet). The maximum achievable tensile forces depend on the quantity and quality of the yarns used in the cable. The PowerClip® is halogen-free according to DIN EN 60684-2.

Operating temperature from -40° C to + 70° C.



- Strain and push relief directly at the WGT® and thus directly on the component
- Quick and easy assembly
- Cost saving compared with other components as no separate technical solution is required
- Improved strain and push relief up to 290N
- Can be used with the shut version as well as the slotted version of the WGT®.

### Technical Data WGT® slotted and shut version with PowerClip®

Feature	WGT 7	WGT 10	WGT 12
Order No.	01-011-01 A	01-008-01 A	01-009-01 A
Tensile strength WGT against micro cable [N] Ø cable [mm]	≥15 3	≥50 4,6	≥51 6,8
Tensile strength PowerClip® WGT against micro cable [N]	≥75N	≥250N	≥290N

Listed values apply for properly installed product according to installation instructions.

Temperature range for storage and operation applies from -40°C to +70°C

Approved according to specification of Deutsche Telekom TS SpeedNet-Microduct-System

Approved by Vodafone according to specification VFKD TS 104

Approved for-funded broadband projects according to material concept of the German Network Government (BMDV)

### Table tools/accessories PowerClip®

PullClip	Order No.	Assembly Pliers	Order No.	PowerClip®	Order No.
WGT® 5mm	01-044-01 A			-	-
WGT® 7mm	01-045-01 A	WGT® 7mm	01-038-01 A	WGT® 7mm	01-011-01-A
WGT® 10mm	01-046-01 A	WGT® 10mm	01-039-01 A	WGT® 10mm	01-008-01 A
WGT® 12mm	01-047-01 A	WGT® 12mm	01-040-01 A	WGT® 12mm	01-009-01 A
WGT® 14mm	01-048-01 A	-	-	-	-

