



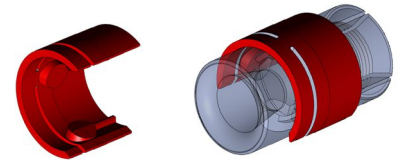
Application and features

The WGT is a sealing element for micro ducts according to DIN EN 50411-2-8. It fits for all listed sizes independent from pipe manufacturers. The WGT seals off water and gas in micro ducts with various cable diameters and works also like a blind plug for empty ducts. Beside excellent sealing performance the WGT also has a good strain and push relief for cable and micro duct. With the optional PowerClip® the strain relief improve by clamping the strength members of the cable like aramid yarn. At the cable side, the WGT has an integrated shape for bend protection. The sealing gasket has a safety breaking point, which release gasket under extreme pressure and thus prevents release of the WGT from micro duct. The WGT is made from a corrosion-resistant aluminum alloy with anodized surface coating¹. Therefore, according to DIN EN 13501-1 (combustibility of building products) the WGT can be classified as A2 (non-/limited combustible), in combination with sealing gasket s1 (no-/little smoke) d0 (no droplets). The WGT, PowerClip and sealing gasket are halogen free according to DIN EN 60684-2. Temperature range applies from -40°C to +70°C



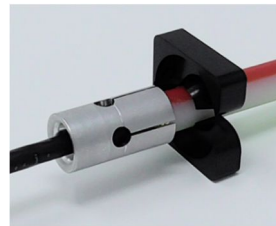
PowerClip®

With the optional PowerClip® the strain and push relief improve by clamping the strength members of the cable like aramid yarn (see table). The maximum attainable tensile forces depend on the quantity and quality of the strain relief elements from the cable. Order number see table Tools/Accessories



Tools

For every size of WGT a disassembly clip is available. For most sizes also, a professional installation tool is available. The tool simplifies assembly and disassembly of the WGT especially if the cable is already in place. The WGT can be installed without using the tool but for disassembly, at least for WGT size 5mm, 7mm and thin cables, the use of the PullClip is strongly recommended.



Scope of delivery

Every WGT housing comes with a sealing gasket according to the selected cable size (see table sealing gasket). Select sealing gasket according to your WGT size and cable diameter and specify number with order. The sealing gasket has two functions, it works as a blind plug for empty micro ducts and as a seal for the cable.

Table tools/accessories PowerClip®

PullClip	Order No.	Assembly Pliers	Order No.	PowerClip®	Order No.
WGT 5mm	01-044-01 A	WGT 5mm	01-037-01 A	-	-
WGT 7mm	01-045-01 A	WGT 7mm	01-038-01 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	-	-	-	-
WGT 16mm	01-049-01 A	-	-	-	-
WGT 20mm	01-060-01 A	-	-	-	-

Sealing gaskets

Sealing gaskets are available for common micro ducts and applicable cable diameters. The blind plug of sealing gasket can be separated from cable sealing at safety braking point. Sealing gaskets are made from thermoplastic rubber (TPV) Santoprene™. Select sealing gasket according to your WGT size and cable diameter from table below and specify number with order. Customer specific gaskets are available on request.



