



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Universal Push-to-Connect Assembly



ENGINEERING YOUR SUCCESS.

Parker's Universal Push-to-Connect (UPTC) Assembly

The quick, simple, truly universal advantage for your product's design, manufacture and maintenance.



“Push, click, done” literally describes how quick and simple it is to achieve reliable leak-free connections with Parker's UPTC hose and tube assembly. Yet, unprecedented speed and simplicity are only part of the total advantage.



Unlike other push-to-connect assembly designs, with Parker's patent-pending assembly you also achieve the “U” – that is, the genuine universality that ensures maximum compatibility and simple global sourcing. So from your equipment's design and production to its maintenance in the field, the UPTC assembly delivers savings never before possible, for everyone up and down the line.



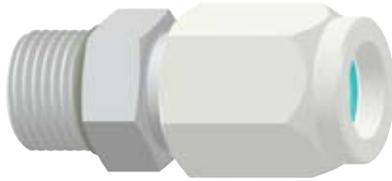
Simply universal economics

Parker's UPTC assembly utilizes standard Seal-Lok™ (ORFS) or EO (24° DIN cone) fitting bodies, and it is suited for hydraulic hose (rubber or thermoplastic) and tube (inch or metric) assemblies. Also, while other push-to-connect couplings require changeovers to new male- and female-end fitting designs, any existing Parker Seal-Lok or EO fitting system can be converted to a push-to-connect design. Thus, the number of UPTC connections is virtually unlimited.

Specifying Parker UPTC in product designs, particularly where space is limited, provides immediate savings in time and costs associated with the assembly process. Plus, the UPTC reliability and simplicity extend to the field – helping to

Parker's UPTC assembly yields direct savings in time, equipment costs, reworks and warranties.





UPTC Adapter



Hydraulic Hose (Rubber or Thermoplastic)



Tube (Inch or Metric)

Suitability for rubber or thermoplastic hydraulic hose and inch or metric tube assemblies is a key “universal” distinction of Parker’s UPTC assembly.

significantly reduce errors associated with reworks and warranty claims. Here, its key advantages include standard wrench disassembly and no special connector needed for replacement of a damaged hose. Because the fitting body has not changed, a standard ORFS (or UPTC) assembly may be used for replacement, which greatly helps to minimize costly equipment downtime.

Major benefits at a glance

Parker’s UPTC assemblies bring you unsurpassed advantages in:

- **Assembly time savings**
Simple push-to-connect design requires no special assembly tools, decreases assembly time even in hard-to-reach areas and allows for a more compact system.
- **Assured proper connection**
Visual and tactile installation indicators easily help to assure proper connection, assembly, inspection and diagnosis to minimize error and its costly consequences.
- **Elimination of hose twist**
Self-aligning nipple eliminates hose twisting during assembly for longer service life.
- **Leak-free performance**
Finite Element Analysis optimization, rigorous lab tests and significant field-testing with leading equipment manufacturers assure it.
- **Wide-range availability**
UPTC assemblies accommodate all standard ORFS fitting configurations, most standard port designs, hydraulic hose (rubber or thermoplastic) and tube (inch or metric) for greater design flexibility.

- **Easy design implementation**

UPTC allows for incorporation into any current hydraulic system with virtually no adverse effect on other components, the system or supply chain.

- **Excellent field serviceability**

Allowing standard wrench disassembly and damaged hose replacement using standard ORFS assemblies, UPTC substantially reduces equipment downtime – particularly in remote locations.

Proven technology, proven commitment

From the first name in Dry Technology, Parker’s UPTC assembly delivers superior performance based on our proven O-ring face seal and 24° DIN cone advancements – plus design details that verify proper connection and promote even longer service life. It all goes to work for you in a dependable, simple push-to-connect assembly with all the advantages of universal compatibility.

