



Parker Legris

Success Story

September 2016

An English manufacturer of water switches, has chosen the LIQUIfit[®] Carstick[®] cartridges and Advanced PE tubing.

Market: Life Sciences



ENGINEERING YOUR SUCCESS.



The company has chosen the LIQUIfit® cartridges and Advanced PE tubing for their stopcock.

Application

The system is an alternative to the brass stopcock and is designed to turn off a main water supply, using a simple lockdown button. Thanks to this safety system, the control of the water flow becomes very accessible and effortless, thus limiting the risk of water damage.

This stopcock was previously equipped with 3-piece cartridges. The mounting operation lasted 14 seconds and the risk of forgetting the seal could generate water damage at the customer's, with the consequential costs for repairs and damage to their reputation !

The customer was searching for a new more reliable, easier and quicker solution.

Solution

Thanks to the one-piece LIQUIfit® Carstick with pre-assembled seal, the installation time is only 4 seconds. This represents a time saving of 700 hours per year !

The company has also been convinced by the sealing technology, ease of use, compactness and eco-design of the product.

Their requirement will be up to 300,000 cartridges per year.

In parallel, the customer has selected the Advanced PE tubing which is perfectly designed for demanding water environments, without compromising operator safety. They have been convinced to move from their current supplier due to the accurate dimensions and tolerances ensured by the 3D control system installed on our machine.

They will require up to 400km of tubing per year.

Working temperature: -10°C to +95°C

Working pressure: 16 bar

Compatible fluids: water

Regulations

FDA: 21 CFR 177.1520
RG: 1935/2004/EC
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS),
2011/65/EC
NSF 42/58 (1/4" and 3/8" approved for 10 bar and 1/2" approved

for 8 bar at room temperature)
NSF 51, 61 C-HOT
ACS (except for purple colour)
WRAS
KTW
RG: 1907/2006 (REACH)



LIQUIfit® Carstick®



Advanced PE Tubing

Key Success Factors

- Reduced assembly time
- Seal pre-assembled, greased and protected
- Integrity of the sealing system before and after assembly
- Additional 3D control of APE tubing

Contact



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