



March 2013

## Introducing the DN08 FASTCRIMP FITTINGS WITH THE NEW OPC-06 COMPACT FERRULE

Dear Customer,

we are very pleased to announce the introduction of a new design of the OPC-06 fitting.

This new fitting has been expressly redesigned to better fit with the Manuli refrigeration hose RefriFAST DN08. This OPC-06 fitting will be introduced as a running change so it will naturally carry the same P/N and price as the previous fitting - no changes are required to your ordering system.

Should you however require to purchase the old OPC-06 design, this will still be possible but orders will need to reference a new P/N, which will be quoted upon request.



## FEATURES OF DN08 FASTCRIMP FITTINGS WITH THE NEW OPC-06 COMPACT FERRULE

The change consists in the introduction of a reduced diameter compact OPC-06 ferrule on our FastCrimp DN08 fitting range. The update of the FastCrimp fitting range has been designed to improve the robustness and reliability of the final assemblies and make the crimping operations easier and quicker.



The new OPC-06 ferrule design ensures an easier and accurate measurement of the crimping diameter without the requirement of any specific tool as with the current OPC.

DN 08 FastCrimp fittings with current and new OPC-06 are easily recognisable as the picture on the left clearly shows.

The difference between the current and new OPC-06 ferrule in terms of swaging profile, is clearly visible in the picture: the more regular shape of the crimped ring areas allows an easier and more accurate measurement.

Additionally, the appearance of the final crimped profile has also been improved.



Thanks to the more compact dimensions, the more limited deformation of the ferrule during the crimping determines a more homogeneous folding of the steel giving a better and regular compression of the rubber wall of the hose.

The validation test of the New OPC06 ferrule has been performed by Coupling Integrity according to the SAE J6024 and by the additional Thermal Pressure Resistance according to the Manuli methodology; all the results are either equal or better than the current solution.

The new FASTCRIMP DN 8 WITH OPC-06 ferrule has been tested and validated with the same crimping diameter (14,8 mm) of the current solution for REFRI\*FAST hose DN8 No change in crimping diameter is needed.

The key features of the ferrule design upgrade:

- Small dimension (about 20% less)
- Better swaging profile
- Same crimping diameter on RefriFast DN08
- Improved performance (equal or better than the current OPC-06)

