



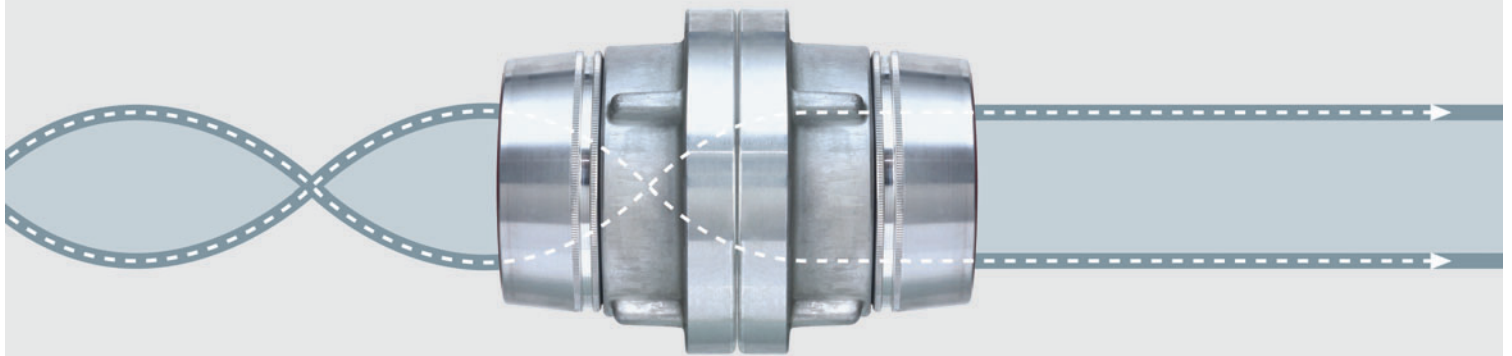
INNOVATION in Action



INNOTRADE

Fewer accidents . Quick and easy hose connection . Benefits in operation . No more damages to hoses . High potential for cost savings . No more catching . Ideal for initial response vehicles . Conical shape

**INNOVATION in Action,
the revolution in hose care!**



INNOTRADE *TWIST*

The benefits:

No more twisted hoses

- Fewer accidents
- Greater time gains during operation
- Ideal for initial response vehicles
- Ideally suited for upgrading appliances

Conical shape

- Time saving as no more catching on doors, stairs and edges
- Cost savings as fewer damages to hoses

Quick and easy hose connection

- No force necessary
- Can also be operated by unpractised persons
- Time saving as connecting can be carried out in 30 seconds
- Cost savings as all parts reusable

With the patented INNOTRADE hose coupling system, we offer you the most innovative solution on the international hose market. INNOTRADE hose couplings are available in three versions:

- **INNOTRADE hose coupling**
- **INNOTRADE TWIST hose coupling**
- **INNOTRADE TWIST appliance coupling**

The new INNOTRADE connection system enables perfect assembly within seconds without any special skills.

The INNOTRADE connection system

The INNOTRADE mounting system turns the connection of fire hoses into child's play. Simply pull the individual parts over the hose, pull the hose over the connecting piece, clamp it, close it – finished! This way, INNOTRADE couplings can be connected within a few moments with a constant level of quality. Unlike the usual connection systems, INNOTRADE presses the hose in. This saves cumbersome handling of blocking rings or wire. Disconnection is carried out just as easily and quickly.

INNOTRADE hose coupling

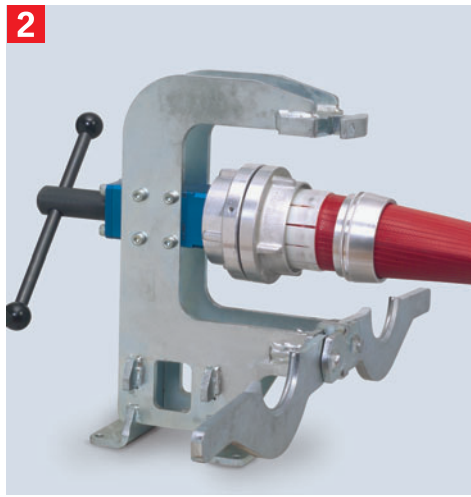
The INNOTRADE hose coupling replaces the usual wire connection for fire hoses. Due to the conical shape of the coupling, the catching of the hose in operation is reduced drastically. Obstacles like stairs, steps or doors are no longer a problem thanks to INNOTRADE. The design also prevents the typical material damage to hoses. Even after disconnection, no damages occur, and all parts are reusable. Dirt deposits are a thing of the past as a result of the compact design, which also reduces the costs for hose maintenance significantly. The INNOTRADE hose coupling also convinces due to its significant difference in weight compared to the regular clamping systems. Existing hoses can be refitted with INNOTRADE without any problems.

INNOTRADE hose coupling

All the benefits of the INNOTRADE hose coupling also apply to the INNOTRADE TWIST coupling. The patented hose system can be connected as quickly and as easily as the INNOTRADE hose couplings. The revolving connecting piece also holds major benefits in store. This coupling, which is equipped with ball bearings, reduced the risk of accidents significantly. INNOTRADE TWIST couplings prevent the snarling or whipping of equipment even in extremely twisted hoses. This coupling is the ideal system for initial response vehicles: when laying the hoses, twisted hoses no longer have to be taken into account. As a result, service staff have a significant time advantage.

INNOTRADE TWIST appliance coupling

The INNOTRADE TWIST appliance coupling can be screwed onto appliances like distributors, portable monitors, tank filling spouts or extinguisher water feeders. The ball bearing-supported feeder ensures that the coupling cannot snarl up on its own accord or that the appliance does not tilt or fall over.



1 Quick and easy wireless connection.

2 3 Pressing-in of the hose without exertion of force.

4 INNOTRADE-TWIST
Twisted hoses no longer have to be taken into account when laying hoses.

5 The ball bearing absorbs twist. Reduced risk of accidents during operation.



6 No more catching in stairs, steps or doors as a result of the conical shape.

7 No fraying on the connecting piece as the coupling hits the pressing collar.

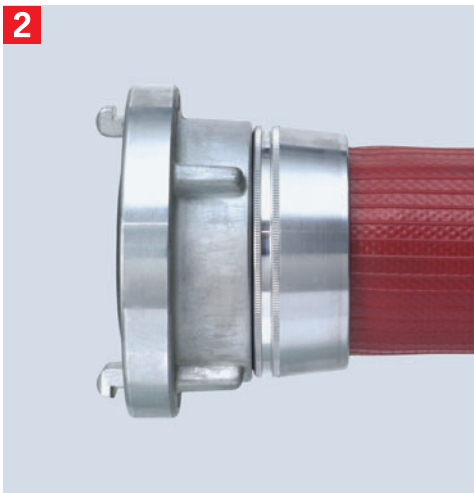


	INNOTRADE-TWIST	INNOTRADE	Wire connection
Connecting	Quick and easy	Quick and easy	Cumbersome
Space required by connecting appliance	Slight	Slight	High
Fraying	Hardly	Hardly	High
Care/dirt deposits	None	None	Severe
Shape	Conical	Conical	Angular
Operation	Very fast	Fast	Cumbersome
Risk of accidents	Very slight	Normal	Normal

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For more than 80 years, Fritz Massong GmbH have been a competent and innovative service provider and service partner in the fields of fire protection and safety. We are both certified in accordance with ISO 9001 and by the VDS.

With our varied and technically high-quality product range, we consider ourselves to be responsible providers of individual solutions, definitely providing better value to our customers.

The INNOTRADE Coupling System.

1 INNOTRADE hose couplings:

Size 1 for uncoated hoses

C-42
C-52
B-75
A-110

Art. no.
600080-110
600080-115
600080-120
600080-130

Size 2 for coated hoses

C-42
C-52
B-75
A-110

Art. no.
600080-111
600080-116
600080-121
600080-131

2 INNOTRADE-TWIST hose coupling:

Size 1 for uncoated hoses

C-52
B-75

Art. no.
600081-115
600081-120

Size 2 for coated hoses

C-52
B-75

Art. no.
600081-116
600081-121

3 INNOTRADE-TWIST Gerätekupplungen:

Female thread

C-coupling, 1" thread
C-coupling, 1 1/2" thread
C-coupling, 2" thread
B-coupling, 1 1/2" thread
B-coupling, 2" thread
B-coupling, 2 1/2" thread
B-coupling, 3" thread
A-coupling, 4" thread
A-coupling, 4 1/2" thread

Art. no.
600082-110
600082-120
600082-130
600082-210
600082-220
600082-230
600082-240
600082-310
600082-320

Male thread

C-coupling, 1" thread
C-coupling, 1 1/2" thread
C-coupling, 2" thread
B-coupling, 1 1/2" thread
B-coupling, 2" thread
B-coupling, 2 1/2" thread
B-coupling, 3" thread
B-coupling, M 80 x 2 thread

Art. no.
600083-110
600083-120
600083-130
600083-210
600083-220
600083-230
600083-240
600083-290

■ INNOTRADE assembly appliance:

INNOTRADE assembly appliance incl. inserts for C-52 and C 75
Assembly insert for C-42

Art. no.
600090-000
600091-000

■ INNOTRADE professional assembly appliance

Assembly insert for professional assembly appliance C-42
Assembly insert for professional assembly appliance C-52
Assembly insert for professional assembly appliance B-75
Assembly insert for professional assembly appliance A-110

600092-000
600093-110
600093-115
600093-120
600093-130

■ Fire extinguisher pressure hose INNOSTAR:

Double chain- uncoated, with
INNOTRADE hose coupling

C-42, 15 m
C-52, 15 m
B-75, 20 m

Art. no.
130050-215
130050-315
130050-420

■ Fire extinguisher pressure hose INNOSTAR-TWIST:

Double chain, uncoated, with
INNOTRADE-TWIST coupling

C-52, 15 m
B-75, 20 m

Art. no.
130060-315
130060-420

Massong

Fritz Massong GmbH, Schießgartenweg 8a, 67227 Frankenthal, Germany
Telephone (+49 62 33) 3 65-0, Telefax (+49 62 33) 3 65-450
E-mail: info@massong.com, Internet: www.massong.com