



### Product Overview

Reacton® recommends the use of 3/8" Hose Fittings in conjunction with Reacton® CTX Indirect Systems. Suitable for several applications it can be used within pneumatic and low-pressure hydraulic circuits, while retaining the high durability of the demanding application environment.

### Key Features

- High Quality Nickel Plated Brass
- 3/8" BSPP Threads where applicable
- Comply with DIN 5200
- Suitable for compressed air, inert gas and/or low-pressure fluids

### Common Applications

- Heavy Mobile Plants
- Kitchen Hoods & Restaurants
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

### Reacton Cylinder Compatibility

- Dry Powder
- Wet Chemical
- Clean Agent
- Water
- Inert Gas

### Mechanical Data

<b>Material:</b>	High Quality Brass
<b>Finish:</b>	Trivalent Passivated Surface Plating ELVD 200/53/EC
<b>Marking:</b>	N/A
<b>Weight:</b>	Variable, depends on part
<b>Electrical Connections:</b>	N/A
<b>Mechanical Connections:</b>	3/8" BSPP; 1/4" BSPP- 60° Cone

### Functional & Environmental Data

<b>Operating Pressure:</b>	15.0 or 25.0 barg @ 20°C [217.5 or 362.6 psig @ 68°F]
<b>Operating Temperature:</b>	-40°C to +60°C [-40°F* to + 140°F]
<b>Operations Cycles:</b>	Unlimited
<b>Life Cycle:</b>	10 years
<b>Standards:</b>	BS EN 10226-1:2004 (BSPT) BS EN ISO228-1:2003 (BSPP)
<b>Compliance</b>	BS5200
<b>Fitting Torque:</b>	Depending upon the conditions, typical between 35-50 Nm  The torque values of components may vary during installation.
<b>Notes:</b>	Check compatibility with the hose you are using or use only approved Reacton® Hoses.

## REACTON ACCESSORIES

### DISCHARGE FITTINGS

#### COMPONENT DATASHEET

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#### QR Compression Fittings Range



RE6947



RE6948



RE7400



RE6951



RE6956



RE6957



RE6983



RE6985



RE6987



RE6940

\*All dimensions in mm. The configuration shown in the above Figure is standard; please order extra if needed the detection tube and/or the pressure switch or any other variation as a custom-made build.

#### Principle of Operation / Purpose of use



Reacton® hydraulic hoses are all supplied with 3/8" BSPP cone seat fittings that are all matched to the fittings within this document and must be used.

Please see Figure below for more information about connecting the fittings onto the hydraulic hose.

#### Compatibility List

Reacton® CTX Indirect Systems

#### Compression Fittings Range

Part Number	Description
RE6947	QR 3/8 Adaptor: 45 Swl Elbow 3/8" BSPT
RE6948	QR 3/8 Adaptor: 90 Swl Elbow 3/8" - 3/8" BSPT
RE7400	QR 3/8 Adaptor - 3/8" - 1/4" BSP
RE6951	QR 3/8" BSP Male Bulkhead
RE6956	QR 3/8" BSP Flat Washer - 100 Pack
RE6957	QR 3/8" BSP Shake Proof Washer - 100 Pack
RE6981	QR 3/8 Adaptor - 3/8" M - 1/4" BSPP F
RE6983	QR 3/8 Elbow - 3/8" Male - 3/8" Female
RE6985	QR 3/8 Tee - Equal - 3/8" male
RE6987	QR 3/8 Adaptor - Coupling 3/8" - 3/8"
RE6940	QR 3/8 Tee - Male, Male, Female Swivel

#### Warranty Validity & Precautions

The warranty is invalidated if the system or part is used under conditions other than those indicated in this datasheet or/and the product has been custom modified.

Stresses above the maximum limits indicated may cause permanent damage to the part or system. Exposure to absolute maximum rating conditions for extended periods may affect reliability that could compromise the system integrity and lead to loss of asset, serious injury or death.

Whilst Reacton® has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and reserves the right to change the specification of goods without notice.

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Reacton Fire Suppression Ltd

14 Baynes Place, Waterhouse Business Park, Chelmsford Essex, CM1 2QX, U.K

T: 0800 030 6526 E: [info@reactonfire.com](mailto:info@reactonfire.com)

W: [www.reactonfire.com](http://www.reactonfire.com)

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FIRE SUPPRESSION