

# Victaulic® FireLock™ Installation-Ready™ Fittings No. 101, 102, 103, 104, 143



No. 101



No. 102



No. 103



No. 104



No. 143

## 1.0 PRODUCT DESCRIPTION

### Application

- Patented *Installation-Ready* Fittings for Fire Protection Systems.

### Available Sizes

- 1 ¼ – 2 ½"/DN32-DN65.
- 1" *FireLock IGS™ Installation-Ready* Fittings available. See [publication 10.54](#).

### Pipe Material

- Schedule 10, Schedule 40 or specialty carbon steel pipe listed in Section 5. For use with alternative materials and wall thicknesses please contact Victaulic.
- For exceptions reference section 6.0 Notifications

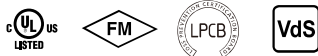
### Maximum Working Pressure

- Up to 365 psi/2517 kPa/25 bar.

### Pipe Preparation

- Roll Grooved, Cut Grooved.

## 2.0 CERTIFICATION/LISTINGS



ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

### 3.0 SPECIFICATIONS - MATERIAL

---

**Fitting Housing:** Ductile iron conforming to ASTM A536, Grade 65-45-12

**Housing Coating: (specify choice)**

- Orange coating.
- Red coating (standard for EMEA-I and Asia Pacific).
- Optional: Hot dipped galvanized.

**Gasket:**

**Grade “E” EPDM (Type A) Vic-Plus™ Pre-lubricated Gasket**

EPDM (Violet Color Code). Applicable for wet and dry (oil-free air) fire protection systems only. Listed/Approved for continuous use in wet and dry systems. Listed/Approved for dry systems at -40°F/-40°C and above. Not compatible for use with hot water services or steam services.

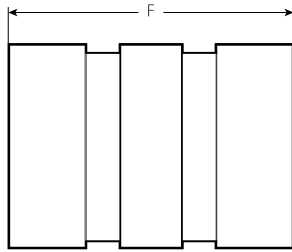
**NOTES**

- Reference should always be made to [publication 1-100](#), Victaulic Field Installation Handbook for gasket lubrication instructions.
- Services listed are General Service Guidelines only. It should be noted that there are services for which these gaskets are not compatible. Reference should always be made to [publication 05.01](#), Victaulic Gasket Selection Guide for specific gasket service guidelines and for a listing of services which are not compatible.

**Bolts/Nuts:** Carbon steel oval neck track bolts meeting the mechanical property requirements of ASTM A449 (imperial) and ISO 898-1 Class 9.8 (M10-M16) Class 8.8 (M20 and greater). Carbon steel hex nuts meeting the physical and chemical requirements of ASTM A563 Grade B (imperial) and ASTM A563M Class 9 (metric). Track bolts and hex nuts are zinc electroplated per ASTM B633 Fe/Zn 5, finish Type III (imperial) or Type II (metric).

## 4.4 DIMENSIONS

### No. 143 Close Nipple (fitting to fitting connections)



Size		Dimensions		Weight
Nominal	Actual Outside Diameter	Takeout F	Approximate (Each)	
inches DN	inches mm	inches mm	lb kg	
1 ¼	1.660	2.37	0.4	
DN32	42.4	60	0.2	
1 ½	1.900	2.37	0.5	
DN40	48.3	60	0.2	
2	2.375	2.37	0.7	
DN50	60.3	60	0.3	
2 ½	2.875	2.37	1.1	
	73.0	60	0.5	
	3.000	2.37	1.2	
DN65	76.1	60	0.5	