



**Metric table**

Dimensions in: millimeters - inches

1 d <sub>1</sub>	2 d <sub>2</sub> Pipe thread	d <sub>3</sub>	d <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub>	Air flow rate in l/min	
						Underpressure in mbar	Seal membrane FKM      EPDM
70 2.76	G 1 1/4	33 1.30	68.5 2.70	17 0.67	59 2.32	50	360      370
						40	320      330
						30	260      280
						20	210      230
						10	140      160
						5	110      130

**Specification**

- Upper part (cap)  
Plastic  
Technopolymer (Polypropylene PP)  
- Temperature resistant up to 122 °F (50 °C)  
- Red, RAL 3000 ● **RT**  
Membrane and flat seal  
EPDM (Ethylene propylene diene rubber)  
- Green, RAL 6001 ● **GN**  
Membrane and flat seal  
FKM (Fluor rubber, Viton®)  
- Black printed symbol
- Lower part (screw-in thread)  
Plastic  
Technopolymer (Polypropylene PP)  
- Temperature resistant up to 122 °F (50 °C)  
- Black
- *Elastomer Characteristics* → page QVX
- *Plastic Characteristics* → page QVX
- **RoHS compliant**

**Information**

EN 774.1 breather check valve caps prevent the build up of underpressure in fluid containers. They are used when a container is to be emptied quickly. The elastic membrane ensures a sufficient air supply.

Besides that, the contact pressure of the membrane prevents the escape of fluid, e.g. during transport. If the container is turned upside down, the additional contact pressure from the fluid will be sufficient to keep the outlet firmly shut.

see also...

- *Filler Strainers EN 664 / EN 664.1* → page QVX / QVX
- *Breather Caps EN 663* → page QVX

How to order	1
1	Diameter d <sub>1</sub>
2	Pipe thread d <sub>2</sub>
3	Color
<b>EN 774.1-70-G11/4-RT</b>	

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10