

Suction cup F75 Nitrile-PVC, 3150131P

- Suitable for flat objects.
- Good stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel.



General

| | |
|-------------------------|--------------------|
| Curve radius | 150 mm |
| Movement, vertical max. | 3 mm |
| Application | Dry sheet metal |
| Material | Nitrile-PVC (NPV) |
| Suction cup model | F |
| Suction cup shape | Flat |
| Volume | 20 cm ³ |
| Weight | 23 g |

Fitting

| | |
|----------------|------|
| Fitting size | None |
| Fitting style | None |
| Fitting type | None |
| Fitting option | None |

Dimension

| | |
|--------------------------|-------|
| Height | 13 mm |
| Outer diameter | 77 mm |
| Outer diameter, actuated | 79 mm |

Performance — lifting forces

| |  |  |
|---------|---|---|
| 20 -kPa | 80 N | 60 N |
| 60 -kPa | 200 N | 110 N |
| 90 -kPa | 270 N | 140 N |

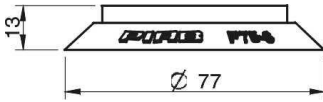
Material

| | |
|-------------|-------------------|
| | Nitrile-PVC (NPV) |
| Colour | Black |
| Hardness | 50 °Shore A |
| Temperature | 0 – 90 °C |

Material resistance

| | Nitrile-PVC (NPV) |
|--------------------|-------------------|
| Alcohol | ++ |
| Concentrated acids | + |
| Ethanol | N/A |
| Hydrolysis | ++ |
| Methanol | N/A |
| Oil | +++ |
| Oxidation | ++ |
| Petrol | +++ |
| Wear resistance | +++ |
| Weather and ozone | ++ |

Dimensional drawings



Values specified in the data sheet are tested at:

| | |
|------------------------|--|
| Room temperature | (20°C [68°F] ± 3°C [5.5°F]) |
| Standard atmosphere | (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]) |
| Relative humidity | 0-100% |
| Compressed air quality | DIN ISO 8573-1 class 4 |

Accessories

| | Item no. |
|--|----------|
| Fitting G1/2" female Al, with mesh filter | 0127820 |
| Fitting 75, G3/8" female, with mesh filter | 0100551 |
| Fitting 75, G3/8" female, with cone valve | 0100552 |
| Fitting 75, G1/2" female, with mesh filter | 0100555 |
| Fitting 75, G1/2" female, with cone valve | 0100556 |
| Fitting 75, 3/8" NPSF female, with mesh filter | 0100553 |
| Fitting 75, 1/8" NPSF female, with mesh filter | 0100548 |
| Fitting 1/8" NPSF female Al, with mesh filter | 0127819 |
| Fitting 1/4" NPT female Al, with mesh filter & 10-32 addl. conn. | 0127821 |