

Suction cup F40-2 Nitrile-PVC, 1/8" NPSF female, with dual flow control valve, F40-2.30.04DA



- 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 | 2.05 in |
| Movement, vertical max. | 0.07 in |
| Application | Dry sheet metal |
| Leakage flow, max. | 0.28 scfm |
| Material | Nitrile-PVC (NPV) |
| Suction cup model | F |
| Suction cup shape | Flat |
| Valve restriction | 0.04 in |
| Volume | 0.29 in ³ |
| Weight | 0.19 oz |

Fitting

| | |
|----------------|-------------------------|
| Fitting size | 1/8" |
| Fitting style | Female |
| Fitting type | NPSF-thread |
| Fitting option | Dual flow control valve |

Dimension

| | |
|--------------------------|---------|
| Height | 0.83 in |
| Outer diameter | 1.65 in |
| Outer diameter, actuated | 1.72 in |

Performance — lifting forces

| |  |  |
|----------|---|---|
| 6 -inHg | 4.5 lbf | 3.37 lbf |
| 18 -inHg | 8.99 lbf | 5.62 lbf |
| 27 -inHg | 11.2 lbf | 6.74 lbf |

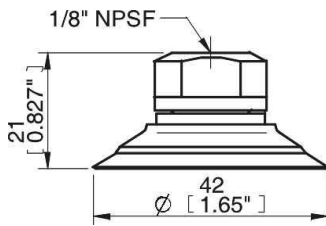
Material

| | |
|-------------|-------------------|
| | Nitrile-PVC (NPV) |
| Color | Black |
| Hardness | 50 Shore A |
| Temperature | 32 – 194 F |

Material resistance

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

Dimensional drawings



Spare parts

| | |
|---|----------|
| | Part no. |
| Fitting 1/8" NPSF female, 30-40, with dual flow control valve | 04DA |
| Suction cup F40-2 Nitrile-PVC | F40-2.30 |

Accessories

| | Part no. |
|---|----------|
| Fitting 1/4" NPT male, with dual flow control valve | 04DC |
| Fitting 1/4" NPT male, with mesh filter | 04AC |
| Fitting 1/8" NPSF female, 30-40 | 04AA |
| Fitting 1/8" NPSF female, 30-40, PA | 04CA |
| Fitting 1/8" NPSF female, 30-40, with cone valve | 04UV |
| Fitting 1/8" NPSF female, 30-40, with mesh filter | 04AG |
| Fitting 3/8" NPT male, with dual flow control valve | 04DE |
| Fitting 3/8" NPT male, with mesh filter | 04AE |
| Fitting 5x1/8" NPSF female, 30-40 | 04AF |
| Fitting 5x1/8" NPSF female, 30-40, with dual flow control valve | 04DF |
| Fitting G1/4" male, 30-40, with mesh filter | 04AB |
| Fitting G1/4" male, 30-40, with dual flow control valve | 04DB |
| Fitting G3/8" male, 30-40, with dual flow control valve | 04DD |
| Fitting G3/8" male, 30-40, with mesh filter | 04AD |
| Suction cup F40-2 Silicone | F40-2.20 |