



Item no: FC75P.4C.07UF

Suction cup FC75P Polyurethane 40, G3/8" male - 1/8" NPSF female

- Suitable for slightly domed and flat and oily surfaces, e.g., such as those encountered when handling steel sheets in press processes.
- Thanks to the high friction of the rubber material, the suction cups can withstand high forces at rapid accelerations in horizontal directions, even on oily surfaces.
- The suction cups have cleats that prevent thin objects from being disfigured.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.

General

Suction cup shape	Flat Concave
Application	MarkFree, DrySheetMetal
Suction cup design	Round
Characteristics	MarkFree, DrySheetMetal
Material	Polyurethane (PU)
Suction cup model	FC
Weight	1.59 oz
Volume	1.83 in ³
Suction cup model	FC75P PU40
Movement, vertical max.	0.32 in
Curve radius, min.	3.071 in

Fitting option	None
Fitting size	3/8"
Fitting style	Female
Fitting type	G-thread

Height	1.32 in
Outer diameter	2.95 in

Performance - lifting forces

	FC75P PU40	
5.91 -inHg		16.41 lbf
17.72 -inHg		35.3 lbf
26.58 -inHg		48.33 lbf
		
	24.055 lbf	
	44.96 lbf	
	51.71 lbf	

Material

Name	
Color	
Temperature	50 - 122 °F
Hardness	40 °Shore A

Alcohol	n/a
Concentrated acids	+
Ethanol	+
Hydrolysis	+
Methanol	-
Oil	+++
Oxidation	-
Gasoline	+
Wear resistance	+++
Weather and ozone	+++

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

01.07.148 | Thread insert G3/8" male, with O-ring and mesh filter for Vacuum Gripper System (VGS)

Spare parts

01.06.948 | Suction cup FC75P Polyurethane 40, for tread insert