



## F75P

### Flat suction cup with cleats

- Suitable for flat and rough surfaces.
- Fair stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Dual hardness allowing strength and stability in conjunction with softness and flexibility.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.

#### Lifting forces & Technical data

Material	Outer Dia in	Lifting force vertical to the surface, lbf, at vacuum level			Lifting force parallel to the surface, lbf, at vacuum level			Volume in <sup>3</sup>	Min. curve radius in	Max. vertical movement in	Weight rubber parts oz
		6 -inHg	18 -inHg	27 -inHg	6 -inHg	18 -inHg	27 -inHg				
PU30°/60°	3.03	15.7	43.4	61.4	9.89	39.6	69.2	1.16	5.91	0.08	0.99
PU60°	3.03	18.4	51.9	74.2	10.6	25.4	38.0	1.16	5.91	0.08	1.87

#### Material specifications

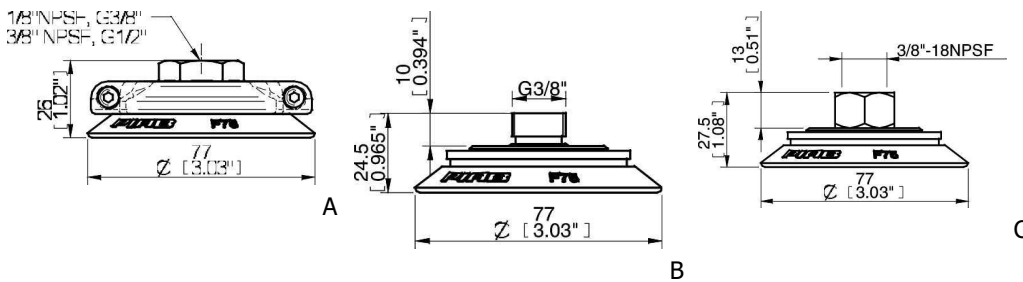
Material	Color	Hardness °Shore A	Temperature range °F
Polyurethane, PU30	Yellow transparent	30	50-122
Polyurethane, PU60	Green transparent	60	50-122

#### Material resistance

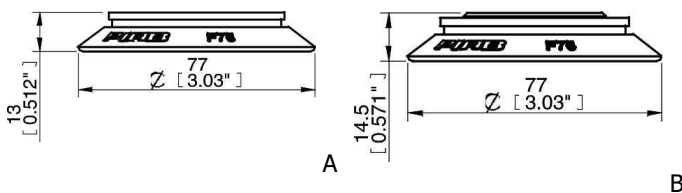
Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Ethanol	Methanol	Oxidation
Excellent	Excellent	Excellent	Fair	Fair	Fair	Fair	Poor	Poor

## Ordering information

Suction cups with fitting		Part No.
A	Suction cup F75P Polyurethane 30/60, 1/8" NPSF female, with mesh filter	F75P.4K.07NA
A	Suction cup F75P Polyurethane 30/60, G3/8" female, with mesh filter	F75P.4K.07ND
A	Suction cup F75P Polyurethane 30/60, G3/8" female, clamp ring with cone valve	F75P.4K.07VD
A	Suction cup F75P Polyurethane 30/60, 3/8" NPSF female, with mesh filter	F75P.4K.07NE
A	Suction cup F75P Polyurethane 30/60, G1/2" female, with mesh filter	F75P.4K.07NF
A	Suction cup F75P Polyurethane 60, 1/8" NPSF female, with mesh filter	F75P.4E.07NA
A	Suction cup F75P Polyurethane 60, G3/8" female, with mesh filter	F75P.4E.07ND
A	Suction cup F75P Polyurethane 60, G3/8" female, clamp ring with cone valve	F75P.4E.07VD
A	Suction cup F75P Polyurethane 60, 3/8" NPSF female, with mesh filter	F75P.4E.07NE
A	Suction cup F75P Polyurethane 60, G1/2" female, with mesh filter	F75P.4E.07NF
B	Suction cup F75P Polyurethane 30/60, thread insert G3/8" male with mesh filter for Vacuum Gripper System (VGS)	F75P.5K.G40M
B	Suction cup F75P Polyurethane 60, thread insert G3/8" male, with mesh filter for Vacuum Gripper System (VGS)	F75P.5E.G40M
C	Suction cup F75P Polyurethane 30/60, brass 3/8" NPSF female	F75P.5K.N40W
C	Suction cup F75P Polyurethane 60, brass 3/8" NPSF female	F75P.5E.N40W



Rubber parts		Part No.
A	Suction cup F75P Polyurethane 30/60	F75P.4K
A	Suction cup F75P Polyurethane 60	F75P.4E
B	Suction cup F75P Polyurethane 30/60 with collar for Vacuum Gripper System (VGS)	F75P.5K
B	Suction cup F75P Polyurethane 60 with collar for Vacuum Gripper System (VGS)	F75P.5E



Description	Part No.
Fitting 75, G3/8" female, clamp ring with mesh filter	07ND
Fitting 75, 1/8" NPSF female, clamp ring with mesh filter	07NA
Fitting 75, G1/2" female, clamp ring with mesh filter	07NF
Fitting 75, 3/8" NPSF female, with mesh filter	07NE
Fitting 75, G3/8" female, with cone valve	07VD
Thread insert G3/8" male, with O-ring and mesh filter for Vacuum Gripper System (VGS)	01.07.148

Spare part	Material	Temperature range °F	Part. No.
Cone Valve for Fitting 75	Al/SS/NBR	-40-230	01.00.729

