

## DF80P



### DEEP FLAT SUCTION CUP

- ▶ Suitable for flat, curved or irregular surfaces such as those of sheet metal, plastic or glass parts for vehicles.
- ▶ Grips around corner and edges.
- ▶ Comes with a 19 mm diameter interface for a special quick connector mainly used by Japanese automotive companies.
- ▶ DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane.
- ▶ The material of the DURAFLEX® is mark free and also free from paint-impairing substances.

### LIFTING FORCES & TECHNICAL DATA

Material	Lifting force vertical to the surface, N, at vacuum level			Lifting force parallel to the surface, N, at vacuum level			Volume cm <sup>3</sup>	Min. curve radius mm	Max. vertical movement mm	Weight rubber part g
	20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa				
PU70	70	195	270	75	145	195	48	60	14	45

### MATERIAL SPECIFICATIONS

Material	Colour	Hardness °Shore A	Temperature range °C
Polyurethane, PU70	Black	70	10-50

### MATERIAL RESISTANCE

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

\*\*Please contact PIAB.

### ORDERING INFORMATION

Complete suction cup	Art. No.
Suction cup DF80P Polyurethane 70, Ø 19mm female	0120111

