

OF10X30P



FLAT, OVAL SUCCTION 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.
- ▶ Cleats prevent thin, sensitive objects from being deformed and give extra friction when the lifting force is parallel to the surface of the object.
- ▶ DURAFLEX® are suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane. The material does not leave any marks on the objects handled.

LIFTING FORCES & TECHNICAL DATA

| Lifting force vertical to the surface, N, at vacuum level | | | Lifting force parallel to the surface, N, at vacuum level | | | Volume | Min. curve radius | Max. vertical movement | Weight with fitting |
|-----------------------------------------------------------|---------|---------|-----------------------------------------------------------|---------|---------|-----------------|-------------------|------------------------|---------------------|
| 20 -kPa | 60 -kPa | 90 -kPa | 20 -kPa | 60 -kPa | 90 -kPa | cm ³ | mm | mm | g |
| 4.0 | 11.0 | 17.0 | 6.0 | 12.0 | 17.0 | 0.5 | 15.0 | 1.0 | 4.0 |

MATERIAL SPECIFICATIONS

| Material | Colour | Hardness °Shore A | Temperature range °C |
|--------------------|------------------|-------------------|----------------------|
| Polyurethane, PU50 | Blue transparent | 50 | 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 cups | Art. No. |
|-----------------------------------------------|----------|
| Suction cup OF10x30P Polyurethane 50, M5 male | 0110084 |

