

Mark Free Cup

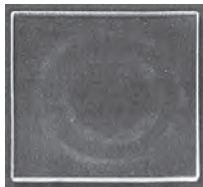


Mark free by special treatment at the molecular level!

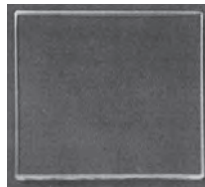
- By using a special treatment on the rubber (suction cup) to improve its surface, adhesion of foreign matters on the suction cup is greatly reduced as no particles of the suction pads will be transferred to the workpieces.

Comparison

Work piece: glass



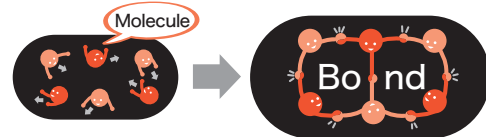
NBR



RA

Principle

By using special treatment, the intermolecular bond of the rubber becomes stronger. By strengthening the intermolecular bond, we have succeeded in reducing adhesion of suction-pad particles on the workpieces.



Note: Please note that, depending on the workpieces, usage conditions and the environment, the effectiveness may vary and that, in certain cases, the use of these suction cups may have no effect.

Optimum for conveying glass sheets and other workpieces that need to be free from marks.



- PA
- PB
- PC
- PCD
- PD
- PF
- PFO
- PH
- PJ
- CORE
- PK2
- PK2B
- PK2L
- PL
- PN
- PN-B
- PP
- PQ
- PR
- PU
- PW
- RA**
- SM
- TN

For various shapes cups.

○ If this suction cup material is used for fluorine rubber and conductive fluorine rubber, suction cups of any series can be used(exclude a few model).

Symbol	Material	Hardness (A/s)	Ambient temperature (°C)	Color	Volume resistivity ^{Note1,2}
F-RA	Mark free fluorine rubber	70	-10~230	Black with white dot	-
FE-RA	Mark free conductive fluorine rubber	70	0~200	Black	10 ⁴ ~10 ⁷ Ω·cm

Note1) Volume resistivity shows conductivity, resistance value is per cm³.
 Note2) It is the measured value of in our designated test piece.

How to Order

PFG - **30** - **F** - **RA**

①

① Applicable Series

②

② Cup Size (mm)

③

③ Cup Rubber Material

	5B φ5		15B φ15		30 φ30		Symbol		Material	
PAG Flat type/Thin lip 	10A	φ10	20A	φ20	30B	φ30	F	Fluorine rubber		
	10B	φ10	20B	φ20	40	φ40	FE	Conductive fluorine rubber		
	15A	φ15	25	φ25	50	φ50				
PBG 2 bellows type/Thick lip 	10A	φ10	30	φ30						
	15A	φ15	40	φ40						
	20	φ20	50	φ50						
PFG Flat type/Standard 	1.5A	φ1.5	3.5A	φ3.5	6A	φ6	15	φ15	30	φ30
	2A	φ2	3.5x7A	3.5x7	8A	φ8	20B	φ20	35	φ35
	2x4A	2x4	3.5x7	3.5x7	10A	φ10	20	φ20	40	φ40
	2x4	2.2x4.2	5A	φ5	15A	φ15	25	φ25	50	φ50
PJG 2 bellows type/Thin lip 	4	φ4	15	φ15	35	φ35				
	6	φ6	20	φ20	40	φ40				
	8	φ8	25	φ25	50	φ50				
	10	φ10	30	φ30						
PQG Flat type/Non Rotation 	6	φ6								
	8	φ8								
	10	φ10								
PUG Flat type/Swivel Cup 	10	φ10	25	φ25	40	φ40				
	15	φ15	30	φ30	50	φ50				
	20	φ20	35	φ35	60	φ60				

※Please consult with us for other series and cup size.
 ※Refer to the page of applicable suction cup series for fitting and setting screw.

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