

# Industrial roller



Adhesive soft synthetic rubber roller

# CLEAN DASH Series

SUSTAINABLE DEVELOPMENT GOALS



Clean dash roller removes foreign matter by direct contact with the workpiece. Foreign matter is causing a large amount of loss in various industries. We will propose the best roller for your uses.

•Performance: steel, paper, wood, fabric, glass, plastic, film and so on.

## CLEAN DASH Lineup

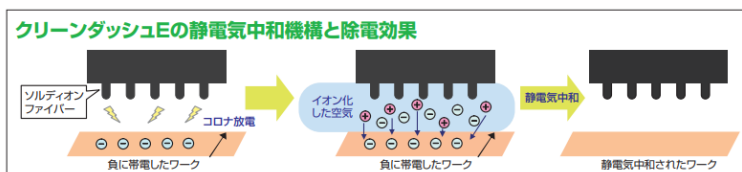
※Various physical property data are measured values, not guaranteed values

Type/color	White	Blue	Orange	Yellow	Pink	E (Black)
Purpose of use	Steel	Paper mill, cardboard, package printing	Plastic, Film	Thin Film, Functional Film	Thin Film, Functional Film	Paper, General Film
Hardness (°, JIS-A)	10	15	20	25	40	35
Tearing Strength (N/mm)	6.0	8.8	7.7	11.7	18.8	11.4
Adhesiveness (N/our measurement method)	0.4-0.6	0.2-0.4	0.05-0.2	0.05-0.1	0.025-0.05	0.15-0.3
Adhesiveness (Mpa, JIS K6256)	0.1	0.09	0.08	0.06	0.04	0.07
Insulation resistance (Ω)			∞			10 <sup>6</sup>

※Adhesive strength measurement method: Our inspection method (affix a 15x200mm PET film to the surface of a roll on a tension gauge, pull up vertically and measure the load at the time of film peeling)

## CLEAN DASH E

Clean Dash-E is kneaded with static electricity neutralizing fiber "Soldion" and has high static electricity removal ability, and is effective for removing dust from plastic films, film laminates, and paper.



## NOTE

- Please use "Cleantol" series of cleaning solvent exclusively for cleaning CLEAN DASH.
- If used cleaning solvents other than Cleantol, performance of rollers may be compromised.
- Polishing the roller's surface, will restore adhesive strength.
- The roller's heat resistance temperature is 70° .
- Possible production dimensions: Outer diameter: 25 to 200 mm, maximum length: 3000 mm or less
- If you require rollers with dimensions other than those listed above, please contact our sales representative.

CLEAN DASH Series

## Adhesive roller characteristics comparison chart

		Clean dash series	Clean dash ZERO series	Adhesive silicone
Type of rubber		Synthetic rubber	Urethane rubber	Silicone rubber
Duration of adhesive strength		1 to 3 years	6month to 1 year	3 month to 8 month
Type of adhesive power		6 types	3 types	2 types
Heat resisting temperature		70°C	60°C	Bleed at 100°C
Durability and scratch resistance		◎	○	×
Fast rotation		800m/min	100m/min	50m/min
Impact on post-processing		○	○	×(Silicone oil adhere to the workpiece)
Use for food-related applications		○	○	○
Solvent resistance	Chlorinated hydrocarbon solvents (Methylene chloride)	×	×	×
	Hydrocarbon solvents (Hexane, Paraffin)	×	◎	×
	Aromatic solvents (Toluene, Xylene)	×	△	×
	Glycol ether solvents (Ethylcellulose, DPM)	○	○	×
	Ester solvents (Ethyl acetate, Dimethyl carbonate)	◎	×	×
	Ketone solvents (Acetone, MEK)	◎	×	×
	Alcoholic solvents (Ethanol, IPA)	◎	○	○
Acid resistance		○	×	◎
Water resistance		◎	◎	◎

※1: Applicable only to our recommended cleaning methods

※2: Clean Dash white, blue, and E are products that pass container and packaging standards

## Special cleaning solvent for Clean Dash, Cleantol line up

	Cleantol A	Cleantol SA	Cleantol FC	Cleantol Aqua	Cleantol R	Cleantol T	Cleantol LS
Spec	Quick-drying	Quick-drying	Quick-drying Food	Water soluble	Quick-drying	Food	Non-flammable
PRTR	Applicable	Not applicable	Applicable	Applicable	Not applicable	Not applicable	Not applicable
Flash point	4.6°C	-5.5°C	-6°C	30.8°C	-12°C	23.5°C	Nothing
Specific gravity (g/cm <sup>3</sup> , 25°C)	0.85	0.76	0.87	0.94	0.81	0.79	0.98
Washability	○	◎	△	△	○	○	△
Drying performance	◎	○	◎	△	◎	△	△

### Note:

- When using Cleantol, wear eye and skin protection and work in a well-evoked area.
- Please read the SDS before use.

