

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

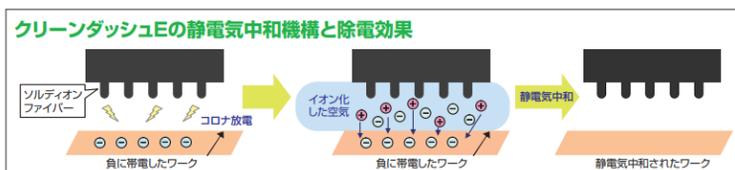
※Various physical property data are measured values, not guaranteed values

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 ⁶

※Adhesive strength measurement method: Our inspection method (affix a 15x2000mm 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 ³ , 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.

