

## Liquid Compounds

Rösler's liquid compounds are the foundation of the modern mass finishing process. Thanks to their ability to remove contaminants such as metal and/or media fines from the process, they keep the components and the media clean and ensure that the media perform properly. Choose the right product for your application from Rösler's product range. This will guarantee that your solution is both economical and environmentally-friendly.

Type	FC 115	FC 120	FC 124 S	FC 230	FC 321	FC 396	FC 410	FC 430	FC 491	FC 630 AL
<b>Description</b>	Corrosion protection for all rust-sensitive ferrous metals	Universal cleaning and polishing material with corrosion protection	Cleaning and polishing compound with corrosion protection for none ferrous metals and stainless steel	Cleaning and polishing compound for non-ferrous metals and stainless steel	Degreasing compound with corrosion protection	High alkaline degreasing compound special for high oily components	Etching compound	Etching and polishing compound for all non-ferrous metals and stainless steel	Passivation compound to improve the adhesion and bonding properties of aluminum	Polishing compound with brightening effect for all metals, especially titanium
<b>pH Value 0.5 %</b>	8.8	7.6	8.0	7.5	7.8	11.5	1.8	2.6	2.3	7.9
<b>material</b>	Steel/Iron	++	+	++	•	+	++	+	•	•
	Stainless Steel	•	+	+	++	++	++	+	++	•
	Copper/Brass	•	+	+	++	++	•	+	++	++
	Aluminum	•	+	+	++	++	•	•	++	++
	Zinc	•	+	+	+	++	•	•	+	++
	Magnesium	•	•	•	+	+	•	•	•	+
	<b>application</b>	Grinding/ Deburring/ RADIUSING Edges	++	+	++	+	++	++	•	•
Degreasing/ De-oiling	•	•	+	•	++	++	•	•	•	•
Smoothing/ Polishing	•	+	++	++	+	•	+	++	++	++
Etching	•	•	•	•	•	•	++	+	++	•
Polishing	•	+	++	++	+	•	+	++	+	++
Ball Polishing	•	•	•	+	•	•	++	++	•	+
Descaling/ Derusting	•	•	•	•	•	•	++	+	•	•
<b>properties</b>	Corrosion Protection	++	+	++	•	+	++	•	+	•
	Cleaning	+	+	+	+	++	+	+	++	+
	Degreasing	•	•	•	•	++	++	•	•	•
	Brightening	•	+	++	++	++	•	+	++	•
Foam	•	+	+	+	•	•	+	++	+	++

State: 05/2016

Subject to revision

- ++ = very well suited/high
- + = suitable/average
- = conditionally suitable/less

## Recirculation Compounds

Rösler's recirculation compounds are a combination of technology, functionality, biological stability, and high durability that provide consistent process quality for every application.

Type	ZF 110 i	ZF 113	ZF 138	ZF 231	ZF 311	ZF 322	ZF 322 S
<b>Description</b>	Corrosion protection for all rust-sensitive ferrous metals	Universal cleaning compound with corrosion protection for all ferrous and non-ferrous metal	Cleaning compound with high corrosion protection for all ferrous metals	Special compound for cleaning and passivating magnesium	Low foam cleaning and passivating compound, particularly suitable for very oily stamped parts	Degreasing compound with corrosion protection for all metals	Degreasing compound with good corrosion protection for all ferrous and nonferrous metals
<b>pH Value 0.5 %</b>	9.9	8.9	9.5	11.4	9.6	8.7	8.9
<b>material</b>	Steel/Iron	++	+	++	•	++	+
	Stainless Steel	+	+	++	•	+	++
	Copper/Brass	•	+	•	•	•	+
	Aluminum	•	+	•	•	•	++
	Zinc	•	+	•	•	•	+
	Magnesium	•	•	•	++	•	•
	<b>application</b>	Grinding/ Deburring/ RADIUSING Edges	++	++	++	+	++
Degreasing/ De-oiling	•	+	•	•	•	++	++
Smoothing/ Polishing	++	+	•	•	•	+	+
<b>properties</b>	Corrosion Protection	++	+	++	•	++	+
	Cleaning	+	+	++	•	++	++
	Degreasing	•	+	++	+	++	++
	Brightening	•	+	++	+	•	++
Foam	•	•	•	•	•	•	•

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We provide special processes for special processes. Please contact us.