

BöttcherTec

Flexible packaging

Extrusion laminating, coating

Nip and take-off rollers

Beverage carton production, paper, cardboard, and film/foil coating

- Nip rollers, metering rollers: 612 60, 613 80, 686 80, 937 80
- Take-off rollers: 611 60, 612 70, 130 70, 935 75

Extrusion laminating

High speeds, pressures and temperatures are characteristic of the operating conditions for roller coverings in extrusion laminating processes. Felix Böttcher offers high-performance rubber compounds that meet these requirements.

Nip rollers

686 80

- Hardness grade 80 ShA
- Wear-resistant standard compound
- High dimensional stability ensures uniform nip configuration
- Ozone-resistant for use in the vicinity of pretreatment systems and where ozoning is required

937 80

- Hardness grade 80 ShA
- Excellent abrasion-resistance, ensures very good resistance to infeed marks caused by moving Teflon belts in the overcoat area
- Ozone-resistant for use in the vicinity of pretreatment systems and where ozoning is required
- Low loss factor reduces intrinsic warming during operation
- Recommended max. pressure 40N/mm

466 80

- Hardness grade 80 ShA
- Excellent abrasion-resistance ensures very good resistance to infeed marks caused by moving Teflon belts in the overcoat area
- Ozone-resistant for use in the vicinity of pretreatment systems and where ozoning is required
- Recommended max. pressure 70N/mm

- 612 70/**
- Hardness grades 70 / 80 ShA
- 613 80**
- Excellent temperature-resistance up to 200°C
 - Anti-adhesive property reduces deposits on the roller surface when coating open-pored materials
 - Recommended web speeds max. 250m/min. at max pressure of 30N/mm

Take-off rollers:

- 130 70**
- Hardness grade 70 ShA
 - Standard rubber compound for take-off rollers
 - Electrically conductive, prevents web adhesion caused by static loads
 - Ozone-resistant
- 935 75**
- Hardness 75 ShA
 - Excellent wear-resistance
 - Excellent abrasion-resistance and outstanding resistance to web-edge markings
 - Ozone-resistant, antistatic
- 611 60**
- Hardness grades 60 ShA
 - Anti-adhesive property prevents deposits on the surface and improves web release
 - Excellent temperature-resistance up to 200°C

Recommended cleaning agents

	Böttcherin 60	Böttcherin Twister	Böttcherin Gelb	Böttcherin Grün	Böttcherin AR	Böttcherin Turbo	Böttcherin Offset UV	Feboclean UV
686 80								
466 80								
130 70								
611 / 612 / 613								
935 / 937								

 Good resistance, unrestricted suitability

 Moderate resistance, suitable with restrictions, manual cleaning and short contact periods recommended

 Low resistance, use is not recommended

Cleaning agent recommendations are based on compound resistance to washes. Compatibility was tested in Böttcher laboratories. Cleansing performance must be tested with contact media in each individual case. Industry-specific general and safety regulations must be observed. Please refer as well to the product safety data sheets. Our customer service specialists will be happy to assist you.