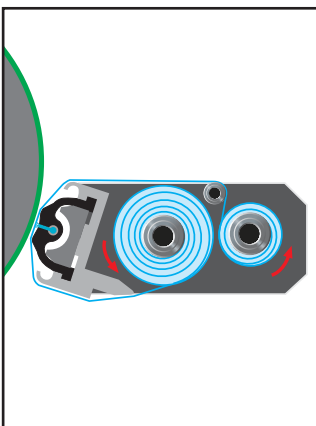
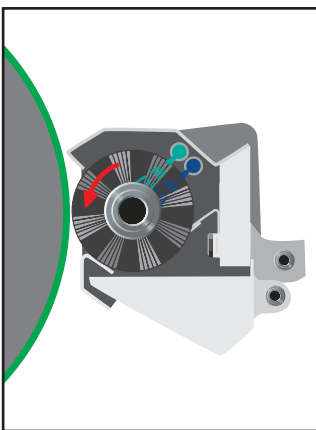


wash 411P

For Higher Quality In Offset Printing



Print quality and profitability are directly related to the choice washing agent.

Application

printcom wash 411P is a powerful low VOC sheetfed wash for blankets, impression cylinders and rollers (NBR material).

It is highly economical and can be used in all common brush, cloth and blade wash-up devices as well as for manual washing.

printcom wash 411P fully complies with the Southern Californian QMD rule 1171, 2008.

Its flashpoint is at 165 °F, used printcom wash 411P qualifies as a non-hazardous waste.

Advantages

- SCAQMD rule 1171, 2008 compliant
- Based on renewable raw material
- Outstanding cleaning power
- Water-emulsifiable
- Excellent emulsion stability
- Superbly dissolves paper coating and format edges, if used with water
- Great rinsing characteristics due to stable soil dispersion, extends service intervals
- Using water, it can easily be removed from blankets, rollers and cylinders leaving no residue
- Also very well suited for numerous CtP plates
- Environmentally friendly, free of chlorinated hydrocarbons (CHC's), aromatic hydrocarbons (AH's) and hazardous air pollutants (HAP's)
- Corrosion-resistant, FOGRA and manroland approval pending
- Very mild odor
- Highly economical



In the realm of printcom washes, optimized wash-up results, reduced wash-up times and extended wash-up intervals are the primary goals of manroland's research and development efforts.

Be it blanket, cylinder or roller washing, printcom offers the optimum product – for use in automated wash-up devices or for manual use.

printcom stands for “print competence” and represents manroland’s offering of process-compliant system components for the printing industry. Customer satisfaction is our top priority, and the printcom team is here to serve you.

Technical Data

Type of Wash	conventional sheetfed wash (NBR material)
Application Areas	all common brush and cloth wash-up devices roller wash-up devices manual washing
Color	colorless, transparent
Flashpoint	165 °F
Water-emulsifiable	yes
Filterable	no
Free of CHC's and AH's	yes
Non-water volatile content ("Method 24")	0.80 lb/gal
Complaint with Southern California QMD rule 1171, 2008 (low VOC)	yes
Corrosion-resistant	yes

Certificates and Approvals

For a current list of certificates and approvals as well as possible restrictions, please refer to www.fogra.org!

Certified by FOGRA	pending
manroland Sheetfed	pending
manroland Heatset	no
manroland Coldset	no

Packaging Units

All packaging units are non-returnable, returnable containers are available upon request.

Pails	5 gal
Drums	55 gal
Totes (stainless steel)	345 gal

Transport and Storage

cool and dry, protected against direct sunlight and freezing

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