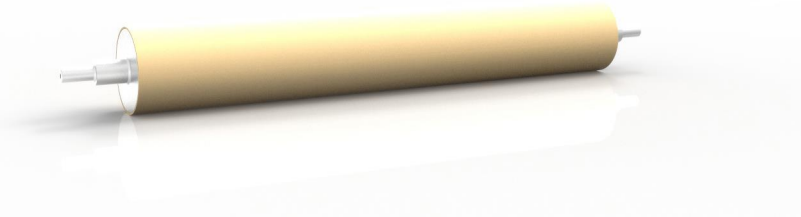


# RollMet-NS



|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|---------------------|------|----------------------|----------|--------|------|-----------------|-----------|-------------------------------------------|----------|-----------------------|------------|-------------------------------------------|------------|------------------------------|-----------|
| <b>Cover Type:</b>                        | Rubber                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Possible applications:</b>             | <p>Production of metal strip: pinch rolls, hold-down rolls, steering, bridle and detour rolls, conveyor rollers, oil distribution and wipe-off rolls, squeegee rolls in different environments</p> <p>Specifically recommended in contact with oil and when clear colour or non-staining properties are requested</p> <p>Recommended for mechanical rollers on coil and colour coating lines</p>                                                                                                                                                       |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Hardness Range:</b>                    | 65, 75, 80, 85, 90 Shore A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Available Colours:</b>                 | beige                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Recommended Cover Thickness:</b>       | min. 10 mm - max. 25 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Temperature resistance:</b>            | Dry: continuous 100°C / peak 110°C<br>Wet: continuous 70°C / peak 80°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Properties and advantages:</b>         | <p>Excellent resistance to mineral and vegetable oil, fuel, grease and (animal) fat</p> <p>Very good physical properties, tear and abrasion resistance, good elasticity and resilience</p> <p>Non-staining in contact with delicate substrates</p> <p>Good and stable grip in contact with most substrates</p> <p>Very good squeegee and wipe-off behaviour</p>                                                                                                                                                                                        |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Chemical resistance:</b>               | <table><tr><td>Acid solutions:</td><td>Moderate</td></tr><tr><td>Alkaline solutions:</td><td>Good</td></tr><tr><td>Hot water and steam:</td><td>Moderate</td></tr><tr><td>Ozone:</td><td>Good</td></tr><tr><td>Oil and grease:</td><td>Excellent</td></tr><tr><td>Aromatic solvents (toluene, benzene,...):</td><td>Moderate</td></tr><tr><td>Chlorinated solvents:</td><td>Not suited</td></tr><tr><td>Polar solvents (MEC, ether, acetate,...):</td><td>Not suited</td></tr><tr><td>Alcohols (ethanol, IPA,...):</td><td>Very good</td></tr></table> | Acid solutions: | Moderate | Alkaline solutions: | Good | Hot water and steam: | Moderate | Ozone: | Good | Oil and grease: | Excellent | Aromatic solvents (toluene, benzene,...): | Moderate | Chlorinated solvents: | Not suited | Polar solvents (MEC, ether, acetate,...): | Not suited | Alcohols (ethanol, IPA,...): | Very good |
| Acid solutions:                           | Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Alkaline solutions:                       | Good                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Hot water and steam:                      | Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Ozone:                                    | Good                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Oil and grease:                           | Excellent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Aromatic solvents (toluene, benzene,...): | Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Chlorinated solvents:                     | Not suited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Polar solvents (MEC, ether, acetate,...): | Not suited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| Alcohols (ethanol, IPA,...):              | Very good                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Recommended cleaning products:</b>     | (Hot) water, soap, most industrial cleaners, alcohol, light fuel, turpentine, white spirit                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |
| <b>Remark:</b>                            | Suited for NaOH and KOH solutions up to 5 % concentration, at temperature of max. 75 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |          |                     |      |                      |          |        |      |                 |           |                                           |          |                       |            |                                           |            |                              |           |

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