

## General Tolerance except Prestretched film.

| Internal Ø<br>(mm) | Core length<br>(mm) | Core weight (g)   | Film Thickness (μ)            | ** Film width<br>(mm) <sup>a</sup> | Film<br>length | Core weight | Internal Core Ø<br>(mm) | Core length<br>(mm) | Reel<br>weight |
|--------------------|---------------------|-------------------|-------------------------------|------------------------------------|----------------|-------------|-------------------------|---------------------|----------------|
| 50                 | 520                 | 200/300           | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±7%         | ±1,5                    | +6 -3               | ±5%            |
| 50                 | 520                 | 500               | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±10%        | ±1,5                    | +6 -3               | ±5%            |
| 50                 | 520                 | 600/700/800       | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±9%/±8%/±7% | ±1,5                    | +6 -3               | ±5%            |
| 50                 | 470                 | 180/270/450       | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ± 7%        | ±1,5                    | +6 -3               | ±5%            |
| 50                 | 260                 | 220               | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±7%         | ±1,5                    | +6 -3               | ±5%            |
| 50                 | 73/153/128/103      | 128/267/224/180   | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±3                                 | ±5%            | ±7%         | ±1,5                    | +6 -3               | ±5%            |
| 38                 | 140/128/103         | 85/75/60          | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±3                                 | ±5%            | ±8%         | ±1,5                    | +3 -2               | ±5%            |
| 38 R <sup>b</sup>  | 103/128/260         | 89/110/220        | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±3                                 | ±5%            | ±7%         | ±1,5                    | +3 -2               | ±5%            |
| 76                 | 520 <sup>c</sup>    | 850               | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±5%         | ±1,5                    | +6 -3               | ±5%            |
| 76                 | 510/510/1.010       | 1.000/1.700/3.367 | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±5%         | ±1,5                    | +6 -3               | ±5%            |
| 76                 | 385/510/760         | 1.283/1.800/2.550 | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±5%         | ±1,5                    | +6 -3               | ±5%            |
| 76                 | 1.260               | 4.200             | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±5%         | ±1,5                    | +6 -3               | ±5%            |
| 76 <sup>d</sup>    | 510                 | 1.860             | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±5%         | ±1,5                    | +6 -3               | ±5%            |
| 76                 | 510                 | 1.950             | 23-35 ±2                      | ±8                                 | ±5%            | ±7%         | ±1,5                    | +6 -3               | ±5%            |
| 76                 | 255/128/103         | 850/427/333       | 7-23 ±1 - 24-35 ±2 - 36-80 ±3 | ±8                                 | ±5%            | ±5%         | ±1,5                    | +6 -3               | ±5%            |

<sup>a</sup> During the first 20 meters of the coil ±25 mm. In case of reinforced edges the value of 8mm will be of 15mm.

<sup>b</sup> Reinforced core.

<sup>c</sup> To be used only in 5Kg total reel weight.

<sup>d</sup> Plastic core. To be used only for printed Films. Non-returnable plastic core.

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## Prestretched film Tolerance.

| Internal Ø (mm) | Core length            | Film Thickness (μ) | Film width (mm) | Film length | Core weight | Internal Core Ø (mm) | Core length (mm) | Reel weight |
|-----------------|------------------------|--------------------|-----------------|-------------|-------------|----------------------|------------------|-------------|
| 76              | 460 mm weight 1,533 Kg | ±1                 | ±10             | ±7%         | ±5%         | ±1,5                 | +6 -3            | ± 7%        |
| 50              | 470 mm weight 0,27 Kg  | ±1                 | ±10             | ±7%         | ±7%         | ±1,5                 | +6 -3            | ± 7%        |
| 50              | 470 mm weight 0,45 Kg  | ±1                 | ±10             | ±7%         | ±7%         | ±1,5                 | +6 -3            | ± 7%        |

## “Sun light Resistance” for printed film.

| June-July-August | September-April-May | October-November-March | December-January-February |
|------------------|---------------------|------------------------|---------------------------|
| 40 days          | 120 days            | 240 days               | 720 days                  |

- The above mentioned values (tested with instrument XENOTEST 150 S) are considered with the sun light in the range of the Washington meridian; Exposure from 9:00 to 15:00.
- Although HIPAC uses colours with “Light Resistance” index 7 for printing but due to the fact that the film can be exposed under innumerable situations which mean uncontrolled solar radiation quantities absorbed, HIPAC does not guarantee the duration and appearance of the printing in printed films.

## Printed film Tolerance.

For printed films the printing width and/or height can vary, depending on the thickness, by 5%.

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## NETROLL film tolerances

| Roll type | Film Thickness ( $\mu$ )     | Film width (mm) | Film length | Roll type | Internal Core $\varnothing$ (mm) | Reel weight |
|-----------|------------------------------|-----------------|-------------|-----------|----------------------------------|-------------|
| Automatic | 9-23 $\pm$ 1 - 24-35 $\pm$ 2 | $\pm$ 8         | $\pm$ 5%    | Automatic | 74 $\pm$ 4                       | $\pm$ 5%    |
| Manual    | 9-23 $\pm$ 1 - 24-35 $\pm$ 2 | $\pm$ 8         | $\pm$ 5%    | Manual    | 45 $\pm$ 5                       | $\pm$ 5%    |

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