

Create an impression with

# HELIOS H/S METAL BACK

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Kinyo has developed  
a rigid blanket for  
Mini-gap and Micro-gap  
applications.



kinyo

# Create an impression with HELIOS H/S METAL BACK

**Helios-H and Helios-S** offer various advantages by use of a new system based on Mini-gap and Micro-gap technology.

## Benefits

- ▶ Substantial paper reduction
- ▶ No packing required
- ▶ Much faster and easier blanket change
- ▶ No torquing required, no further tensioning
- ▶ Minimal thickness loss at gap
- ▶ Elimination of A-B registration problems
- ▶ Metal Back eliminates solvent penetration

## Technical Data

### Application

Heat Set Web Offset and Newspapers

#### Helios-H



#### Helios-S



### Surface

- |                  | Helios-H            | Helios-S            |
|------------------|---------------------|---------------------|
| ▶ Surface finish | Buffed and Polished | Buffed and Polished |
| ▶ Rough Ra       | 0.99 µm             | 0.70 µm             |
| ▶ Colour         | Orange              | Blue                |

### Construction

- |                      | Helios-H     | Helios-S     |
|----------------------|--------------|--------------|
| ▶ Compressible layer | Closed cell  | Closed Cell  |
| ▶ Nominal Thickness  | 1.64/1.75 mm | 1.64/1.75 mm |

### Physical Properties

- |   | Helios-H | Helios-S |
|---|----------|----------|
| ▶ Hardness (Shore A)                      | 86°      | 83°      |
| ▶ Micro Hardness (Shore A)                | 61°      | 60°      |
| ▶ Compressibility Indentation at 1060 kPa | 5.7%     | 9.1%     |
| ▶ Web Feed                                | Positive | Neutral  |



**kinoyo**