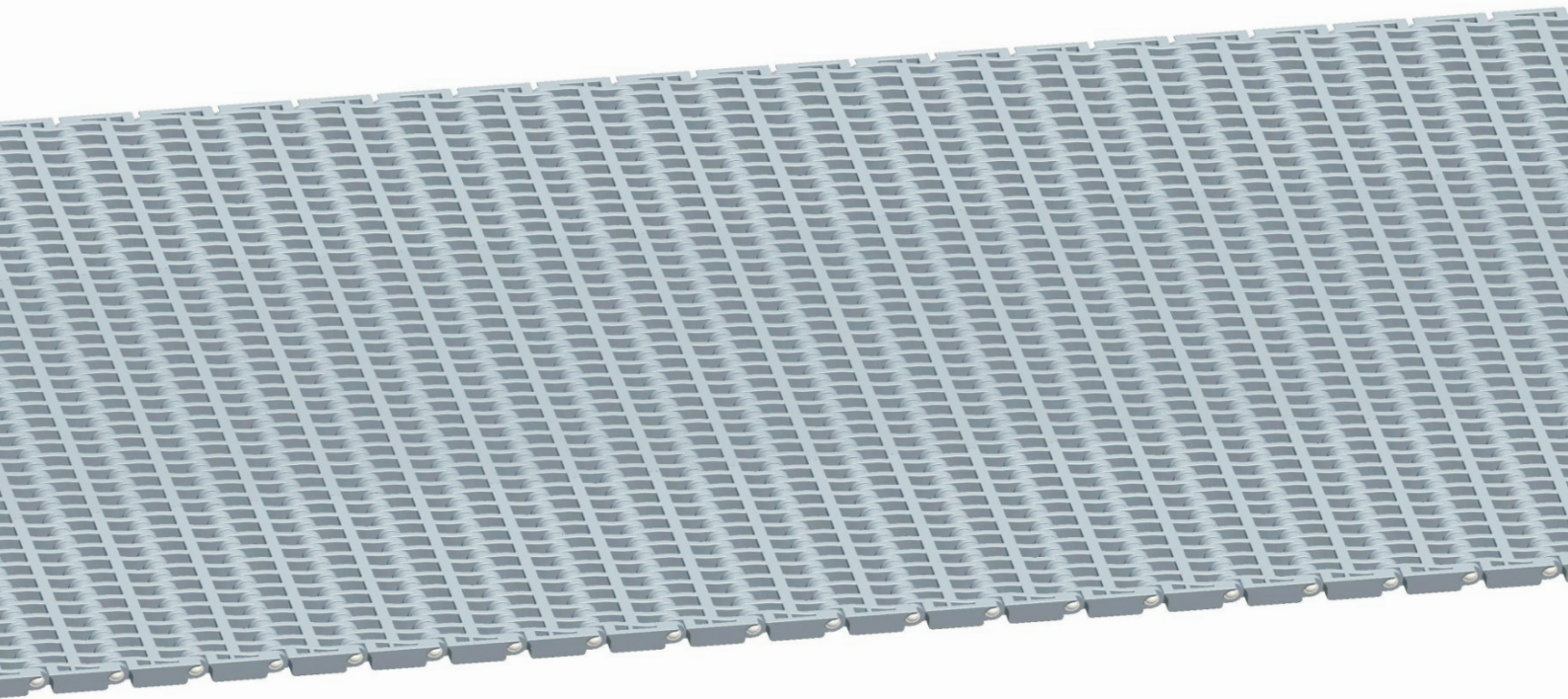
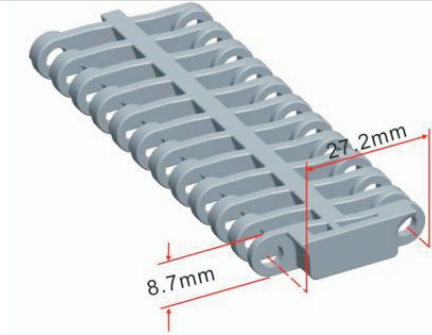


## HS-700B-N Technical Data Sheet



Pitch: 27.2mm  
 Minimum Width:152mm  
 Open Area: 38%  
 Approved: FDA  
 Rod: Ø4.5mm  
 Flight: Yes  
 Side Guard: Yes  
 Curve: No



## Data

| Belt Material   | Belt Strength |         |       | Temperature |          | Belt Weight            |
|-----------------|---------------|---------|-------|-------------|----------|------------------------|
|                 | Straight      |         | Curve | ℃ (min.)    | ℃ (max.) | (Kg / M <sup>2</sup> ) |
|                 | Kg/M(BW)      | N/M(BW) |       |             |          |                        |
| Polypropylene   | 1040          | 10400   | --    | 1           | 100      | 4.0                    |
| Polyethylene    | 520           | 5200    | --    | -60         | 60       | 4.8                    |
| Acetal          | 1620          | 16200   | --    | -40         | 80       | 6.2                    |
| Nylon           | 1510          | 15100   | --    | 1           | 180      | 5.7                    |
| BW – Belt Width |               |         |       |             |          |                        |

## Color Table

| Polypropylene |   |   |    |   | Polyethylene |   |   |    |   | Acetal |   |   |    |   | Nylon |   |   |    |   |
|---------------|---|---|----|---|--------------|---|---|----|---|--------|---|---|----|---|-------|---|---|----|---|
| W             | G | N | DB | B | W            | G | N | DB | B | W      | G | N | DB | B | W     | G | N | DB | B |
| ●             | ● |   |    | ● |              |   | ● |    |   | ●      |   |   |    |   |       | ● |   |    |   |

W-White, G-Gray, N-Nature, DB-Darkbrown, B-Blue

## Friction Table

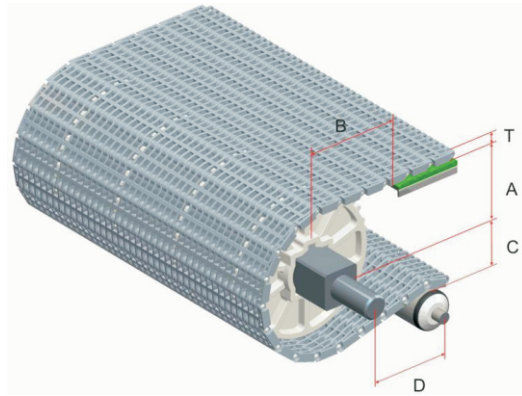
| Belt Material | Friction Wear strips & Products |      |       |       |      |         |           |          |
|---------------|---------------------------------|------|-------|-------|------|---------|-----------|----------|
|               | UHMW                            | HDPE | Steel | Glass | SUS  | Plastic | Cardboard | Aluminum |
| Polypropylene | 0.32                            | 0.24 | 0.15  | 0.09  | 0.13 | 0.08    | 0.15      | 0.25     |
| Polyethylene  | 0.13                            | 0.11 | 0.26  | 0.19  | 0.31 | 0.16    | 0.21      | 0.41     |
| Acetal        | 0.11                            | 0.09 | 0.27  | 0.16  | 0.26 | 0.15    | 0.19      | 0.28     |
| Nylon         | 0.18                            | 0.13 | 0.25  | 0.16  | 0.26 | 0.16    | 0.19      | 0.27     |

SUS – Stainless Steel

## Equivalent type with other Brand

| Brand Name    | Intralox | UNI | Rexnord | MCC  | Habasit | KVP |
|---------------|----------|-----|---------|------|---------|-----|
| Series & Type | 900      | SNB | 1005    | 1000 | M2400   | 610 |
|               | 1600     | CNB | 1010    |      | M2500   | 208 |
|               | 200      | OPB | 7700    |      | M2600   |     |
|               | 800      |     | 6390    |      |         |     |

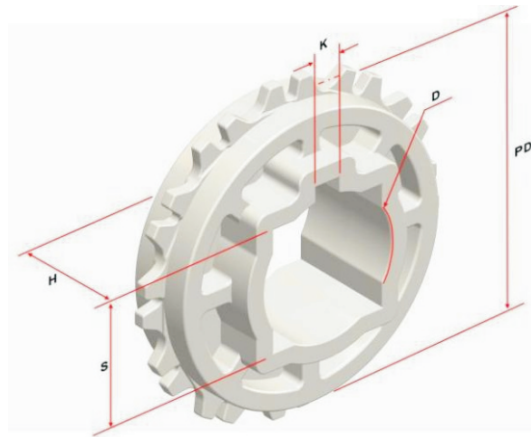
The above content is only for reference.



## Conveyor Frame Dimensions

Unit : mm

| No. Teeth     | A ( Min.) | B ( Min.) | C ( Max.) | D ( Min.) | T   |
|---------------|-----------|-----------|-----------|-----------|-----|
| 6             | 21.8      | 36.15     | 21.45     | 200       | 8.7 |
| 9             | 35.55     | 49.9      | 35.2      | 200       |     |
| 10            | 39.4      | 53.75     | 39.05     | 250       |     |
| 12            | 48.4      | 62.75     | 48.05     | 250       |     |
| 18            | 74.55     | 88.9      | 74.2      | 300       |     |
| 20 / 20-Split | 83.15     | 97.5      | 82.8      | 300       |     |
| 24            | 100.55    | 114.9     | 100.2     | 300       |     |



## Sprocket Dimensions

Unit: mm

| No. Teeth | PD    | S                   | D                            | H    | K         |
|-----------|-------|---------------------|------------------------------|------|-----------|
| 6         | 52.3  | 25.4                | --                           | 18.5 | --        |
| 9         | 79.8  | 25.4/38.1           | 25.4                         | 21.5 | 6.35X3.17 |
| 10        | 87.5  | 25.4/38.1           | 25.4                         | 18.8 | 6.35X3.17 |
| 12        | 105.5 | 25.5/30.5/38.5/40.5 | 25.4/30.5/31.75/45.5/47.5    | 35   | 8X8       |
| 18        | 157.8 | 38.5/40.5/60.5/63.5 | 25.4/30.5/31.75/38.1/46/47.5 | 35   | 8X8       |
| 20        | 175   | 38.1/60.2           | 31.75                        | 35   | 6.35X3.17 |
| 20-Split  | 175   | 60.2                | 31.75                        | 40   | 6.35X3.17 |
| 24        | 209.8 | 38.5/40.5           | 25.4/45.5/47.5               | 35   | 8X8       |