

# MEGAPAINT

MEGADYNE HAS DEVELOPED A NEW TIMING BELT RANGE IN 8M AND 14M PITCHES DESIGNED FOR CONVEYOR AND TRANSFER LINES, SPECIFICALLY FOR PAINTING SYSTEMS.

Belts are silicone free and do not contain contaminants, as requested for water or solvent based paints; the purity of materials and the absence of polluting particles guarantee painted surfaces are always perfect and without any defect. Belts are delivered in a special protective package in order to guarantee complete surface purity from the manufacturing to the installation.

MEGAPAINT is available in the entire 8mm and 14mm pitch length range, minimum order quantities apply.

MEGAPAINT Synchronous Belts are specified by pitch length and tooth pitch in millimeters - Example: **248 8MPNT**



## 1. BODY COMPOUND

Belt body and backside made of NBR (Silver3 and Gold2) or HNBR (Titanium) based compound with a high purity degree and without contaminating agents.

## 2. TENSILE CORD

Cords depend on the premium belt chosen from fiber glass (Silver3) or K-glass (Gold2) or even carbon cord (Titanium), with high elastic modulus and a special surface treatment.

## 3. TOOTH FABRIC

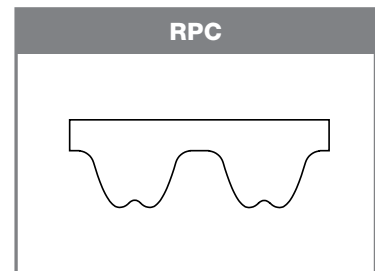
Fabric on teeth with high wear resistance, with a base treatment to protect the external surface.

### PART NOMENCLATURE:

#### 248SLV3-8M50PNT

|             |   |                                                          |
|-------------|---|----------------------------------------------------------|
| <b>248</b>  | = | Pitch length (mm)                                        |
| <b>SLV3</b> | = | Silver3                                                  |
| <b>8M</b>   | = | Tooth pitch (8 mm)                                       |
| <b>50</b>   | = | Belt width (50 mm)                                       |
| <b>PNT</b>  | = | Silicone and contaminant-free construction and packaging |

### RPC



### FEATURES & BENEFITS

- Silicone free and without surface impurities and contaminants, according to car manufacturers' standard and tests performed by Fraunhofer-Institut für Produktionstechnik und Automatisierung IPA
- High resistance to ozone and adequate resistance to lubricating oils
- No need at all for maintenance and lubrication
- Complete interchangeability on HTD, RPP, PGGT and PCGT pulley profiles in pitch 8M and 14M.

### TECHNICAL INFO

- Applications: Applications requiring silicone-free construction. Often used on conveyor and transfer line drives, specifically for painting systems
- Availability: Various sizes in stock. Contact Megadyne
- Working Temperature Range:
  - Silver3 and Gold2: -4 °F up to +212 °F (-20°C up to +100°C)
  - Titanium: -40 °F up to +248 °F (-40 °C up to +120 °C)
- Engineering Standards: Conforms to ARPM standard IP-27, ISO 13050
- Recommended Pulleys: Use pulleys made to ARPM or ISO 13050 standards
- Special Widths: Can be supplied in non-standard widths - available upon request



**WARNING:** This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)

POWER TRANSMISSION



# MEGAPAINT

## MEGAPAINT RANGE

MEGAPAINT are available in the whole 8M and 14M range, on demand with a minimum order quantity. Megapaint products are available in the same pitch lengths as our standard MEGASYNC™ Silver3, Gold2 and Titanium products (see the table below).

| Pitch Code  | Tooth Pitch (mm) | Standard Widths/Width Codes (mm) |    |    |    |    |    |     |     | Pitch Lengths (mm) |
|-------------|------------------|----------------------------------|----|----|----|----|----|-----|-----|--------------------|
|             |                  | 20                               | 30 | 40 | 50 | 55 | 85 | 115 | 170 |                    |
| SLV3-8MPNT  | 8                | 20                               | 30 | -  | 50 | -  | 85 | -   | -   | 248 thru 4400      |
| SLV3-14MPNT | 14               | -                                | -  | 40 | -  | 55 | 85 | 115 | 170 | 966 thru 4956      |
| GLD2-8MPNT  | 8                | 20                               | 30 | -  | 50 | -  | 85 | -   | -   | 248 thru 4400      |
| GLD2-14MPNT | 14               | -                                | -  | 40 | -  | 55 | 85 | 115 | 170 | 966 thru 4956      |
| TTM8PNT     | 8                | 20                               | 30 | -  | 50 | -  | 85 | -   | -   | 248 thru 4400      |
| TTM14PNT    | 14               | -                                | -  | 40 | -  | 55 | 85 | 115 | 170 | 966 thru 4956      |

Standard widths shown. Can be cut to non-standard widths.

### 8M AND 14M RANGE FOR MEGAPAINT SILVER3, GOLD2, TITANIUM

| 8MPNT      |                   |                 | 8MPNT      |                   |                 | 14MPNT      |                   |                 | 14MPNT      |                   |                 |
|------------|-------------------|-----------------|------------|-------------------|-----------------|-------------|-------------------|-----------------|-------------|-------------------|-----------------|
| Belt Type  | Pitch length (mm) | Number of Teeth | Belt Type  | Pitch length (mm) | Number of Teeth | Belt Type   | Pitch length (mm) | Number of Teeth | Belt Type   | Pitch length (mm) | Number of Teeth |
| 248 8MPNT  | 248               | 31              | 1080 8MPNT | 1080              | 135             | 966 14MPNT  | 966               | 69              | 3150 14MPNT | 3150              | 225             |
| 288 8MPNT  | 288               | 36              | 1120 8MPNT | 1120              | 140             | 994 14MPNT  | 994               | 71              | 3304 14MPNT | 3304              | 236             |
| 320 8MPNT  | 320               | 40              | 1160 8MPNT | 1160              | 145             | 1092 14MPNT | 1092              | 78              | 3360 14MPNT | 3360              | 240             |
| 352 8MPNT  | 352               | 44              | 1200 8MPNT | 1200              | 150             | 1106 14MPNT | 1106              | 79              | 3500 14MPNT | 3500              | 250             |
| 360 8MPNT  | 360               | 45              | 1224 8MPNT | 1224              | 153             | 1120 14MPNT | 1120              | 80              | 3850 14MPNT | 3850              | 275             |
| 376 8MPNT  | 376               | 47              | 1280 8MPNT | 1280              | 160             | 1190 14MPNT | 1190              | 85              | 3920 14MPNT | 3920              | 280             |
| 384 8MPNT  | 384               | 48              | 1352 8MPNT | 1352              | 169             | 1260 14MPNT | 1260              | 90              | 4326 14MPNT | 4326              | 309             |
| 408 8MPNT  | 408               | 51              | 1424 8MPNT | 1424              | 178             | 1288 14MPNT | 1288              | 92              | 4410 14MPNT | 4410              | 315             |
| 416 8MPNT  | 416               | 52              | 1440 8MPNT | 1440              | 180             | 1344 14MPNT | 1344              | 96              | 4578 14MPNT | 4578              | 327             |
| 424 8MPNT  | 424               | 53              | 1464 8MPNT | 1464              | 183             | 1400 14MPNT | 1400              | 100             | 4956 14MPNT | 4956              | 354             |
| 456 8MPNT  | 456               | 57              | 1512 8MPNT | 1512              | 189             | 1442 14MPNT | 1442              | 103             |             |                   |                 |
| 480 8MPNT  | 480               | 60              | 1584 8MPNT | 1584              | 198             | 1512 14MPNT | 1512              | 108             |             |                   |                 |
| 536 8MPNT  | 536               | 67              | 1600 8MPNT | 1600              | 200             | 1568 14MPNT | 1568              | 112             |             |                   |                 |
| 544 8MPNT  | 544               | 68              | 1680 8MPNT | 1680              | 210             | 1610 14MPNT | 1610              | 115             |             |                   |                 |
| 560 8MPNT  | 560               | 70              | 1760 8MPNT | 1760              | 220             | 1750 14MPNT | 1750              | 125             |             |                   |                 |
| 600 8MPNT  | 600               | 75              | 1800 8MPNT | 1800              | 225             | 1764 14MPNT | 1764              | 126             |             |                   |                 |
| 608 8MPNT  | 608               | 76              | 1904 8MPNT | 1904              | 238             | 1778 14MPNT | 1778              | 127             |             |                   |                 |
| 632 8MPNT  | 632               | 79              | 2000 8MPNT | 2000              | 250             | 1848 14MPNT | 1848              | 132             |             |                   |                 |
| 640 8MPNT  | 640               | 80              | 2200 8MPNT | 2200              | 275             | 1890 14MPNT | 1890              | 135             |             |                   |                 |
| 680 8MPNT  | 680               | 85              | 2240 8MPNT | 2240              | 280             | 1904 14MPNT | 1904              | 136             |             |                   |                 |
| 720 8MPNT  | 720               | 90              | 2272 8MPNT | 2272              | 284             | 1960 14MPNT | 1960              | 140             |             |                   |                 |
| 760 8MPNT  | 760               | 95              | 2400 8MPNT | 2400              | 300             | 2100 14MPNT | 2100              | 150             |             |                   |                 |
| 800 8MPNT  | 800               | 100             | 2520 8MPNT | 2520              | 315             | 2240 14MPNT | 2240              | 160             |             |                   |                 |
| 840 8MPNT  | 840               | 105             | 2600 8MPNT | 2600              | 325             | 2310 14MPNT | 2310              | 165             |             |                   |                 |
| 880 8MPNT  | 880               | 110             | 2800 8MPNT | 2800              | 350             | 2380 14MPNT | 2380              | 170             |             |                   |                 |
| 896 8MPNT  | 896               | 112             | 2840 8MPNT | 2840              | 355             | 2450 14MPNT | 2450              | 175             |             |                   |                 |
| 920 8MPNT  | 920               | 115             | 3048 8MPNT | 3048              | 381             | 2520 14MPNT | 2520              | 180             |             |                   |                 |
| 960 8MPNT  | 960               | 120             | 3200 8MPNT | 3200              | 400             | 2590 14MPNT | 2590              | 185             |             |                   |                 |
| 976 8MPNT  | 976               | 122             | 3280 8MPNT | 3280              | 410             | 2660 14MPNT | 2660              | 190             |             |                   |                 |
| 1000 8MPNT | 1000              | 125             | 3600 8MPNT | 3600              | 450             | 2800 14MPNT | 2800              | 200             |             |                   |                 |
| 1040 8MPNT | 1040              | 130             | 4000 8MPNT | 4000              | 500             | 2968 14MPNT | 2968              | 212             |             |                   |                 |
| 1064 8MPNT | 1064              | 133             | 4400 8MPNT | 4400              | 550             | 3136 14MPNT | 3136              | 224             |             |                   |                 |

**NEW SIZES LISTED  
IN RED**

