



The potential of natural materials and science

Product list

Hot melt adhesives

Hot Melt Adhesives for Easy Peelable Lids

HIRODINE 7000 Series

| Grade | Appearance | MFR 190°C(g/10min) | Softening Point (°C) | Application and features |
|-------|-------------------------------------|-----------------------|-------------------------|--|
| 7450 | Pale yellow half transparent pellet | 17 | 80 | For Lidding for paper cup with PE coat, easy-peel pouch ; |
| 7511 | Pale yellow transparent pellet | 11 | 57 | For Lidding for jelly, pudding, yogurt, and others ; for blown film machine |
| 7513 | Pale yellow transparent pellet | 11 | 60 | For Lidding for jelly, pudding, yogurt, and others ; |
| 7514 | Pale yellow transparent pellet | 10 | 49 | For good for PVC, nonwoven fabrics, PC ; |
| 7542 | Light yellow transparent pellet | 17 | 52 | For Lidding for coffee, bento, and other. A-PET container ; for cast film machine |
| 7546 | Light yellow transparent pellet | 11 | 56 | For Lidding for coffee, bento, and other. A-PET container ; for blown film machine |

Hot Melt Adhesives for Sealing Cardboard Boxes

HIRODINE 2000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|-------|------------------------|---------------------------------|-------------------------|---|
| 2313 | Light yellow spherical | 1,150 (160°C) | 95 | Nonskid for palletizing ; |
| 2705 | Pale yellow spherical | 870 | 111 | Cardboards, Carton boxes ; Heat stable, Low threading |
| 2760 | Light yellow spherical | 1,900 (150°C) | 114 | Cardboards, Carton boxes ; Quick drying |
| 2916 | Light yellow spherical | 900 | 109 | Cardboards ; |

Rubber-based Hot Melt PSAs/Adhesives

HIRODINE 1000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|-------|------------------------|---------------------------------|-------------------------|--|
| 1301 | Pale yellow pillow | 930 (170°C) | 100 | For straw attachment ; |
| 1540 | Pale yellow spherical | 5,550 | 117 | For plastic case assembly ; Heat resistant, For difficult adherend |
| 1550 | Light yellow spherical | 26,000 | 124 | For various assembly (Semi-pressure sensitive adhesive) ; Heat resistant |

HIRODINE 5000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|-------|------------------|---------------------------------|-------------------------|---|
| 5020 | White spherical | 15,000 (160°C) | 99 | Pressure sensitive adhesive sheets ; |
| 5132 | Yellow spherical | 25,000 (160°C) | 99 | Permanent pressure sensitive adhesive ; |

※Indicated numerical values are typical properties and are not our guaranteed specifications.

■ Hot Melt Adhesives for Air Filters

HIRODINE 2000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|-------|------------------------|---------------------------------|-------------------------|--------------------------|
| 2025 | Light yellow spherical | 760 | 105 | Air filter frame ; |

HIRODINE 8000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Open Time 2mmΦ, 180°C | Application and features |
|-------|-----------------------|---------------------------------|-------------------------|--------------------------|--------------------------|
| 8564 | Pale yellow spherical | 11,000 (160°C) | 141 | 21 | Air filter retainer ; |
| 8600 | Pale yellow spherical | 6,500 | 136 | - | Air filter frame ; |

■ Hot Melt Adhesives for Bonding Cushioning Materials

HIRODINE 1000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|-------|-----------------------|---------------------------------|-------------------------|--|
| 1750 | Pale yellow spherical | 15,000 | 135 | Bonding foamed polyethylene and plastic cardboard boxes, Bonding plastic cardboard boxes together ; |

HIRODINE 8000 Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|-------|------------------------|---------------------------------|-------------------------|---|
| 8007 | Light yellow spherical | 5,500 (140°C) | 94 | Bonding Styrofoam and cardboard boxes ; |

■ Stick-type Hot Melt Adhesives

HIRODINE ST Series

| Grade | Appearance | Melt Viscosity 180°C (mPa·s) | Softening Point (°C) | Application and features |
|---------|--------------------|---------------------------------|-------------------------|---|
| STE-102 | Light yellow Stick | 1,010 | 108 | Paper, Wood, Cloths ; Low viscosity type |
| STE-201 | Pale yellow Stick | 6,500 | 87 | Paper, Wood, Cloths, Metal, Plastic ; Medium viscosity type |
| STE-211 | Pale yellow Stick | 9,900 | 85 | Paper, Wood, Cloths, Metal, Plastic ; High viscosity type |
| STP-502 | Amber Stick | 2,750 (200°C) | 152 | Metal, PVC ; Polyamide base, Heat resistant |

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