

R-AUT

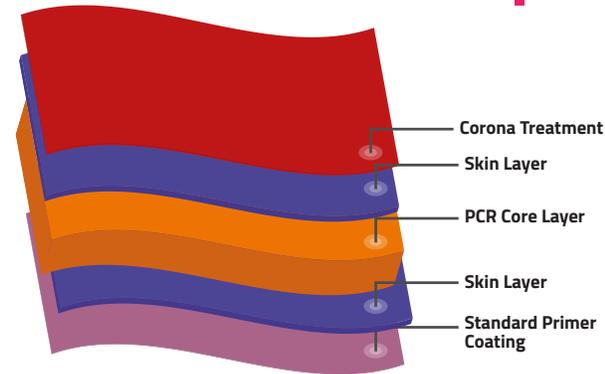
STANDARD PRIMER COATED PCR FILM

R-AUT is a transparent BOPET film. The film is one side Standard Primer Coated and the other side Corona Treated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Primer coating provides excellent adhesion with inks & adhesives
- Corona treatment improves bonding
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting
- Printing & Lamination
- Form, Fill, & Seal Structures
- Hot fill, Pasteurization

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | | | | | |
|---|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 8 | 9 | 10 | 12 | 19 | 23 | 30 | 36 | 50 | |
| | | | (Gauge) | 32 | 36 | 40 | 48 | 76 | 92 | 120 | 144 | 200 | |
| YIELD | | Internal | m ² / kg | 89.28 | 79.36 | 71.42 | 59.52 | 37.59 | 31.05 | 23.80 | 19.84 | 14.28 | |
| | | | in ² / lb | 62901 | 55912 | 50318 | 41934 | 26483 | 21876 | 16768 | 13978 | 10060 | |
| SURFACE TENSION (min) (Standard Primer Coated surface) (Corona Treated surface) | | ASTM D-2578 | dyne/cm | 40 | | | | | | | | | |
| | | | | 52 | | | | | | | | | |
| COF (max) (One side to the other side) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 | 0.45 | 0.40 | |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 5.0 | 5.5 | |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 | |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 90 | 90 | 100 | 105 | 110 | 115 | 120 | 120 | 125 | |
| | TD | | | 80 | 80 | 80 | 85 | 85 | 90 | 90 | 90 | 95 | |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | | | | | |
| | TD | | | 1.0 | | | | | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 50 | 50 | 45 | 35 | 30 | 25 | 20 | 16 | |
| | | | (gm/100 in ² /day) | 3.2 | 3.2 | 3.2 | 2.9 | 2.3 | 2.0 | 1.6 | 1.3 | 1.0 | |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 155 | 155 | 130 | 90 | 80 | 75 | 70 | 45 | |
| | | | (cc/100 in ² /day) | 10.1 | 10.1 | 10.1 | 8.5 | 5.8 | 5.2 | 4.8 | 4.5 | 2.9 | |

STORAGE & HANDLING Untreated side of any PET film is a minimum of 42 dyne/cm.

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn

www.selexibleplastic.com

R-CHC/R-CHE

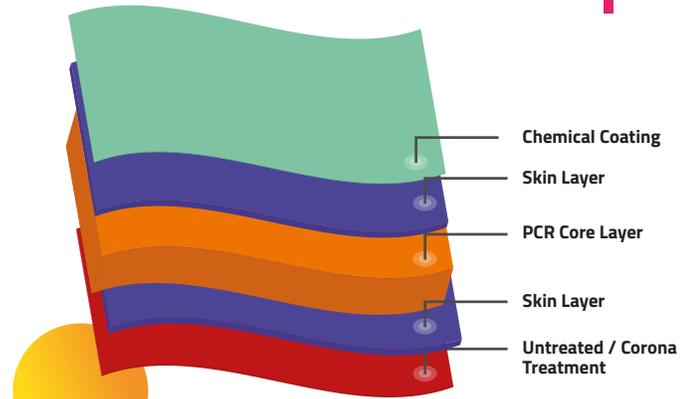
CHEMICALLY PRIMED PCR BASED FILM

This film has one surface Chemically Coated with the other surface being either Untreated or Corona Treated. Chemical coating provides excellent adhesion with various inks & adhesives. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Excellent clarity
- Excellent machinability, handling properties, & dimensional stability
- Not suitable for hot fill, sterilization, or pasteurization
- Post consumer recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Conversion & Metallization
- Solvent & Water base coating

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 12 | 15 | 19 | 23 | 30 | 36 | 50 |
| | | | (Gauge) | 48 | 60 | 76 | 92 | 120 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 59.52 | 47.62 | 37.59 | 31.05 | 23.8 | 19.84 | 14.28 |
| | | | in ² /lb | 41934 | 33550 | 26483 | 21876 | 16768 | 13978 | 10060 |
| SURFACE TENSION (min) # (Chemical Coated Surface) (Corona Treated Surface) | | ASTM D-2578 | dyne/cm | 60 | | | | | | |
| | | | | 52 | | | | | | |
| COF (max) Chemical Coated to Untreated Chemical Coated to Corona Treated | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.45 | 0.40 | 0.40 | 0.40 |
| | | | | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 4.5 | 4.5 | 5.0 | 5.0 | 5.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 105 | 110 | 115 | 115 | 120 | 125 |
| | TD | | | 85 | 85 | 85 | 90 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | | |
| | TD | | | 1.0 | | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 45 | 40 | 35 | 30 | 25 | 20 | 16 |
| | | | (gm/100 in ² /day) | 2.9 | 2.6 | 2.3 | 2.0 | 1.6 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 130 | 110 | 90 | 80 | 75 | 70 | 45 |
| | | | (cc/100 in ² /day) | 8.5 | 7.1 | 5.8 | 5.2 | 4.8 | 4.5 | 2.9 |

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-CLR

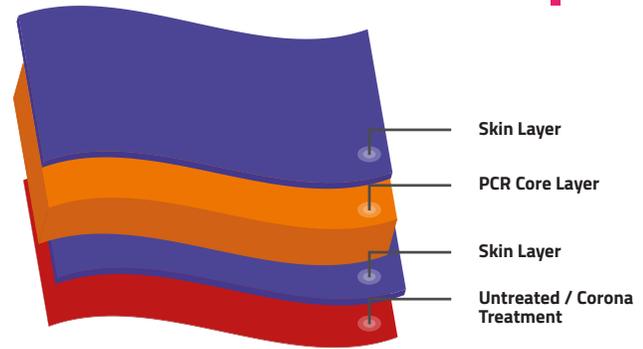
OPTICALLY CLEAR FILM

R-CLR is a transparent low haze BOPET film from our Asclepius PCR portfolio. The film is one side Corona Treated with one side Untreated or both sides Untreated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%)

KEY FEATURES:

- Excellent clarity
- Corona Treatment improves bonding
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Solvent & Water base coating
- Embossing & Holograms

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 9 | 10 | 11 | 12 | 15 | 19 | 23 | 25 | 36 | 50 | |
| | | | (Gauge) | 36 | 40 | 44 | 48 | 60 | 76 | 92 | 100 | 144 | 200 | |
| YIELD | | Internal | m ² / kg | 79.36 | 71.42 | 64.93 | 59.52 | 47.62 | 37.59 | 31.05 | 28.57 | 19.84 | 14.28 | |
| | | | in ² /lb | 55912 | 50318 | 45745 | 41934 | 33550 | 26483 | 21876 | 20119 | 13978 | 10060 | |
| SURFACE TENSION (min) # (Corona Treated surface) | | ASTM D-2578 | dyne/cm | 52 | | | | | | | | | | |
| COF (max) (Untreated to Untreated) (Untreated to Corona Treated) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | |
| | | | | 0.50 | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 2.2 | 2.2 | 2.4 | 2.4 | 2.6 | 2.6 | 2.6 | 2.6 | 2.8 | 2.8 | |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 | |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 90 | 100 | 100 | 105 | 105 | 110 | 115 | 115 | 120 | 125 | |
| | TD | | | 80 | 80 | 85 | 85 | 85 | 85 | 90 | 90 | 90 | 95 | |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | | | | | | |
| | TD | | | 1.0 | | | | | | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 50 | 45 | 45 | 40 | 35 | 30 | 25 | 20 | 16 | |
| | | | (gm/100 in ² /day) | 3.2 | 3.2 | 2.9 | 2.9 | 2.6 | 2.3 | 2.0 | 1.6 | 1.3 | 1.0 | |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 155 | 130 | 130 | 110 | 90 | 80 | 75 | 70 | 45 | |
| | | | (cc/100 in ² /day) | 10.1 | 10.1 | 8.5 | 8.5 | 7.1 | 5.8 | 5.2 | 4.8 | 4.5 | 2.9 | |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-DSC-AA

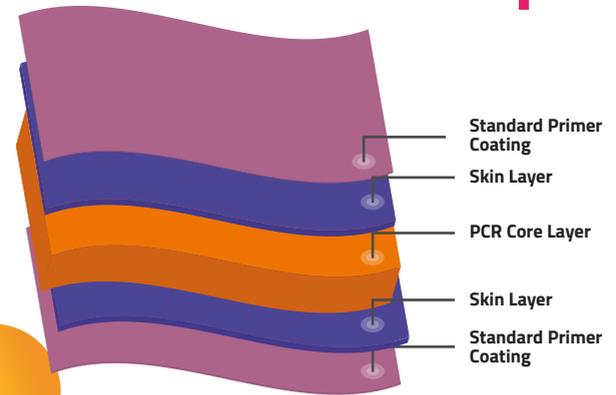
BOTH SIDES COATED-STANDARD PRIMER W/ PCR

R-DSC-AA is a transparent BOPET film produced with PCR content. The film is Standard Primer Coated on both sides. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Standard Primer Coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & lamination
- Form, Fill & Seal Structures
- Hot fill & Pasteurization

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | |
|---|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 15 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 60 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 47.62 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 33550 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (Standard Primer Coated surface) | | ASTM D-2578 | dyne/cm | 40 | | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.45 | 0.45 | 0.45 | 0.40 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 105 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | |
| | TD | | | 1.0 | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 40 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.6 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 110 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 7.1 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

R-DSC-AP

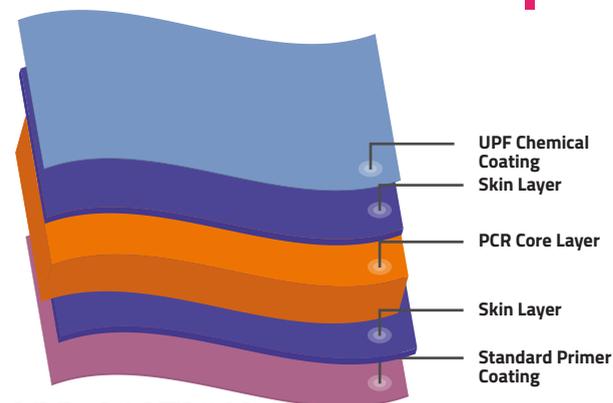
BOTH SIDES COATED-UPF CHEMICAL & STANDARD PRIMER W/PCR

R-DSC-AP is a transparent BOPET film produced with PCR content. The film is one side UPF Chemical coated with the other side being Standard Primer Coated. This data sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Both surfaces provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures
- Hot fill & Pasteurization

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (UPF Chemical Coated Surface) (Standard Primer Coated Surface) | | ASTM D-2578 | dyne/cm | 48 | | | | |
| | | | | 40 | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 4.0 | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | |
| | TD | | | 1.0 | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.



Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

R-DSC-CA

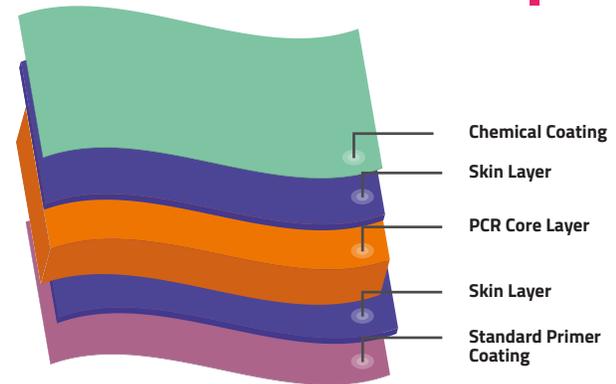
BOTH SIDES COATED-CHEMICAL & STANDARD PRIMER W/PCR

R-DSC-CA is a transparent BOPET film produced with PCR content. The film is one side Chemical Coated with the other side being Standard Primer Coated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Both surfaces provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not Suitable for hot Fill, sterilization or Pasterization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 23 | 36 | 46 | 50 |
| | | | (Gauge) | 40 | 48 | 92 | 144 | 180 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 31.05 | 19.84 | 15.33 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 21876 | 13978 | 10934 | 10060 |
| SURFACE TENSION (min) (Chemical Coated Surface) (Standard Primer Coated Surface) | | ASTM D-2578 | dyne/cm | 60 | | | | | |
| | | | | 40 | | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 4.0 | 4.0 | 4.5 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1750 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 25000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 | 120 | 125 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | |
| | TD | | | 1.0 | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 30 | 20 | 18 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.0 | 1.3 | 1.2 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 80 | 70 | 55 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.2 | 4.5 | 3.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-DSC-CC

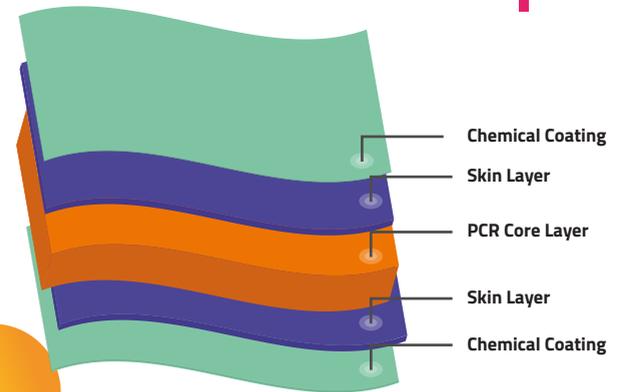
BOTH SIDES COATED-CHEMICAL W/ PCR

R-DSC-CC is a transparent BOPET film produced with PCR content. The film is Chemical Coated on both sides. This data sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Chemical Coated Surface provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for Hot Fill, Sterilization, or Pasteurization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (Chemical Coated Surface) | | ASTM D-2578 | dyne/cm | 60 | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 5.0 | 5.5 | 6.0 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | |
| | TD | | | 1.0 | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

R-DSC-CP

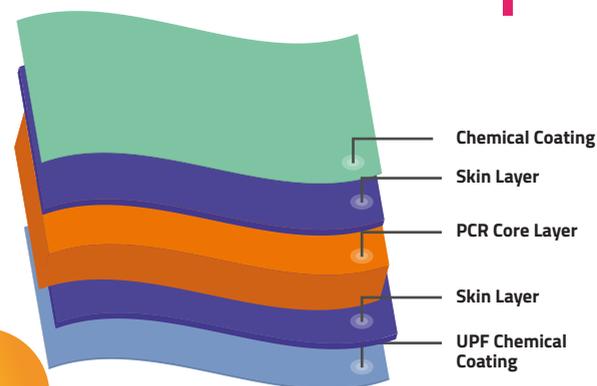
BOTH SIDES COATED-CHEMICAL & UPF CHEMICAL W/ PCR

R-DSC-CP is a transparent BOPET film produced with PCR content. The film is one side UPF Chemical Coated to provide a modified functional surface with the other side being Chemical Coated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Both surfaces provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for Hot Fill, Sterilization, or Pasteurization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | |
|---|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (Chemical Coated Surface) (UPF Chemical Coated Surface) | | ASTM D-2578 | dyne/cm | 60 | | | | |
| | | | | 48 | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 5.0 | 5.5 | 6.0 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | |
| | TD | | | 1.0 | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material's applied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-DSC-EE

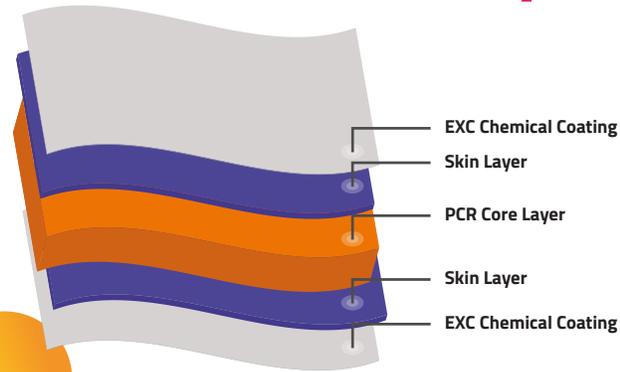
BOTH SIDES COATED-DIRECT EXTRUSION W/ PCR

R-DSC-EE is a transparent BOPET film produced with PCR content. Both sides of the film are EXC Chemical coated to provide modified functional surfaces. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- No solvent emissions or residuals during extrusion coating
- Excellent machinability & handling properties
- No additional priming needed prior to extrusion
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Conversion & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures
- Specially designed for direct extruded polyethylene adhesion without the need for primer

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (EXC Chemical Coated surface) | | ASTM D-2578 | dyne/cm | 38 | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.35 | 0.35 | 0.40 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 4.0 | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | |
| | TD | | | 1.0 | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-DSC-MM

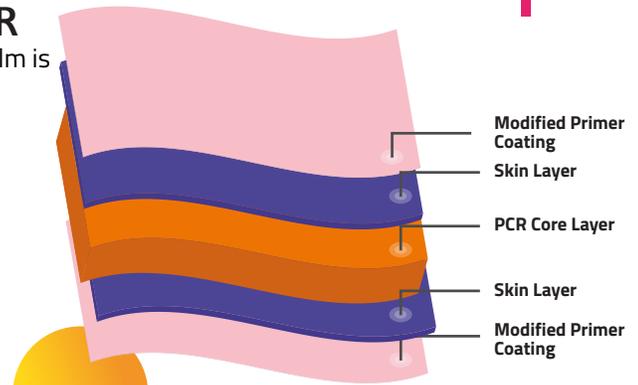
BOTH SIDES COATED-MODIFIED PRIMER W/PCR

R-DSC-MM is a transparent BOPET film produced with PCR content. The film is Modified Primer Coated on both sides. This data sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Modified Primer coated surfaces provide excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | |
|---|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (Modified Primer Coated Surface) | | ASTM D-2578 | dyne/cm | 52 | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.45 | 0.45 | 0.45 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 4.5 | 4.5 | 5.0 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | |
| | TD | | | 1.0 | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn

www.selexibleplastic.com

R-DSC-PM

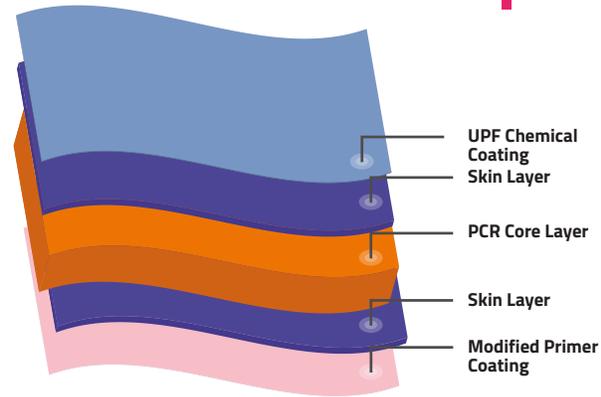
BOTH SIDES COATED-UPF CHEMICAL & MODIFIED PRIMER W/ PCR

R-DSC-PM is a transparent polyester film produced with PCR content. The film is one side UPF Chemical Coated to provide a modified functional surface with the other side being Modified Primer Coated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%)

KEY FEATURES:

- High clarity
- Both surface types provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Conversion & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 19 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 76 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 37.60 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 26483 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (UPF Chemical Coated surface) (Modified Primer Coated surface) | | ASTM D-2578 | dyne/cm | 48 | | | | | |
| | | | | 52 | | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.35 | 0.35 | 0.40 | 0.40 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 4.0 | 4.5 | 4.5 | 5.0 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 110 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 90 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | |
| | TD | | | 1.0 | | | | | |
| MVTR 38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 35 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.3 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 90 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 5.8 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

R-DSC-PP

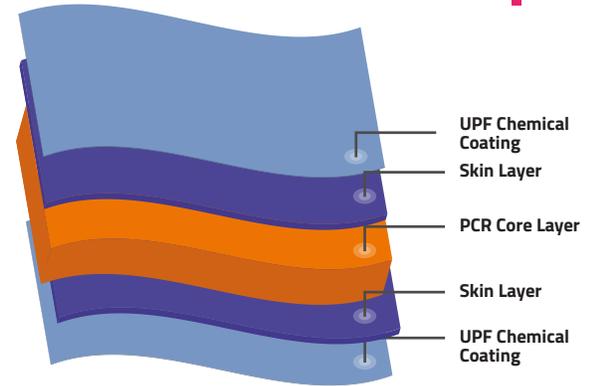
BOTH SIDES COATED-UPF CHEMICAL W/PCR

R-DSC-PP is a transparent BOPET film produced with PCR content. The film is UPF Chemically coated to provide a Modified Functional surface on both sides. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- UPF Chemical coatings provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures
- Hot fill, Pasteurization, Sterilization, & Retort applications

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 10 | 12 | 15 | 23 | 36 | 50 |
| | | | (Gauge) | 40 | 48 | 60 | 92 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 71.42 | 59.52 | 47.62 | 31.05 | 19.84 | 14.28 |
| | | | in ² /lb | 50318 | 41934 | 33550 | 21876 | 13978 | 10060 |
| SURFACE TENSION (min) (UPF Chemical Coated surface) | | ASTM D-2578 | dyne/cm | 48 | | | | | |
| COF (max) (One side to the other) | | ASTM D-1894 | - | 0.45 | 0.45 | 0.45 | 0.40 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 110 | 115 | 120 | 125 |
| | TD | | | 80 | 85 | 85 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | |
| | TD | | | 1.0 | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 50 | 45 | 40 | 30 | 20 | 16 |
| | | | (gm/100 in ² /day) | 3.2 | 2.9 | 2.6 | 2.0 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 155 | 130 | 110 | 80 | 70 | 45 |
| | | | (cc/100 in ² /day) | 10.1 | 8.5 | 7.1 | 5.2 | 4.5 | 2.9 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-ESB

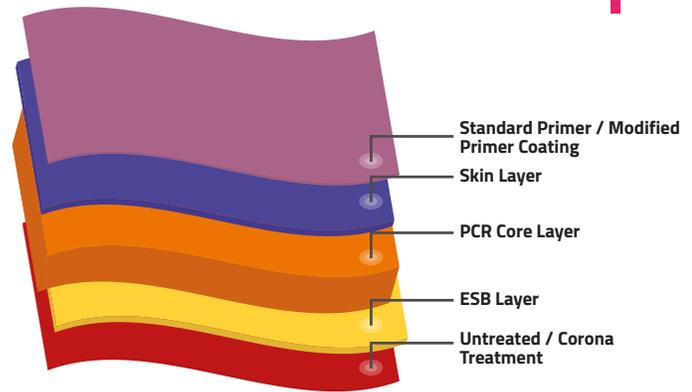
PCR BASED EASY STACKABLE FILM

R-ESB is a transparent BOPET film. The film is either one side Untreated "Functional" surface or Corona treated with the other side being Standard Primer Coated or Modified Primer Coated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Excellent machinability & good handling properties
- Specially modified functional surface is designed to prevent stacked bags from slipping in storage or during palletization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Printing & Lamination
- Easy stacking of bags & pouches

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | |
|---|----|-------------|-------------------------------|----------------|-------|
| THICKNESS | | Internal | Micron | 12 | 23 |
| | | | (Gauge) | 48 | 92 |
| YIELD | | Internal | m ² / kg | 59.52 | 31.08 |
| | | | in ² / lb | 41934 | 21876 |
| SURFACE TENSION (min) # (Modified Primer Coated Surface) (Corona Treated Surface) (Standard Primer Coated Surface) | | ASTM D-2578 | dyne/cm | 52 | |
| | | | | 52 | |
| | | | | 40 | |
| COF (max) (FL (UT) / FL (UT)) "High COF Surface" (AU/AU or AT/AT) (FL/AU or FL/AT) | | ASTM D-1894 | - | 1.0 | 1.0 |
| | | | | 0.45 | 0.45 |
| | | | | 0.50 | 0.50 |
| HAZE (max) | | ASTM D-1003 | % | 1.5 | 2.0 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 |
| | TD | | | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 |
| | TD | | | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 115 |
| | TD | | | 85 | 90 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | |
| | TD | | | 1.0 | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 45 | 30 |
| | | | (gm/100 in ² /day) | 2.9 | 2.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 130 | 80 |
| | | | (cc/100 in ² /day) | 8.5 | 5.2 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-ESC

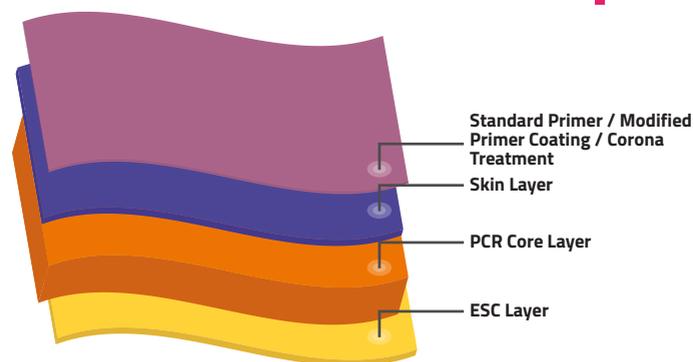
PCR BASED EASY STACKABLE FILM

R-ESC is a transparent BOPET film. The film is an Untreated "Functional" surface with the other surface being Standard Primer Coated, Modified Primer Coated, or Corona Treated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Excellent machinability & good handling properties
- Specially modified functional surface is designed to prevent stacked bags from slipping in storage or during palletization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Printing & Lamination
- Easy stacking of bags & pouches

| PROPERTIES | TEST METHOD | UNIT | TYPICAL VALUES | |
|--|-------------|-------------------------------|--------------------|-------|
| THICKNESS | Internal | Micron | 12 | |
| | | (Gauge) | 48 | |
| YIELD | Internal | m ² / kg | 59.52 | |
| | | in ² / lb | 41934 | |
| SURFACE TENSION (min) # (Corona Treatment) (Modified Primer Coated surface) (Standard Primer Coated surface) | ASTM D-2578 | dyne/cm | 52 | |
| | | | 52 | |
| | | | 40 | |
| COF (max) (CT/UT) (FL (CT) / FL (CT)) "High COF Surface" (FL (UT) / FL (UT)) "High COF Surface" (AU/AU or AT/AT) (FL/AU or FL/AT) | ASTM D-1894 | - | 0.45 | |
| | | | 0.60-0.70 | |
| | | | 0.60-0.80 | |
| | | | 0.30-0.45 | |
| | | | 0.30-0.45 | |
| HAZE (max) | ASTM D-1003 | % | 1.5 | |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | |
| | TD | | | 1900 |
| | MD | | (Psi) | 27000 |
| | TD | | | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | |
| | TD | | | 105 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | |
| | TD | | | 3.0 |
| MVTR (38°C & 90% RH) (typical) | ASTM F-1249 | gm/m ² /day | 45 | |
| | | (gm/100 in ² /day) | 2.9 | |
| OTR (23°C & 0% RH) (typical) | ASTM D-3985 | cc/m ² /day | 130 | |
| | | (cc/100 in ² /day) | 8.5 | |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.



Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

R-HSP

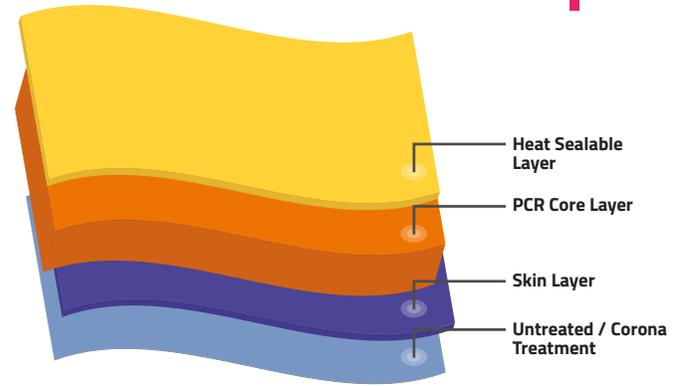
PCR BASED HEAT SEALABLE FILM

R-HSP is co-extruded transparent Heat Sealable polyester film from our Asclepius branded PCR content products. The film has a Heat Sealable Functional layer on one side and Untreated or Corona Treated on the other side. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Good optical properties
- Good machinability & handling properties
- Seals to itself, APET, CPET, & PVDC. Does not seal against PE, PP, or PS.
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Tack Seal application
- Printing & Lamination
- Food tray sealing
- Lids

| PROPERTIES | TEST METHOD | UNIT | TYPICAL VALUES | | | |
|--|-------------|-------------------------------|----------------|---------|---------|-----|
| THICKNESS | Internal | Micron | 12 | 15 | 25 | |
| | | (Gauge) | 48 | 60 | 100 | |
| YIELD | Internal | m ² / kg | 59.52 | 47.62 | 28.57 | |
| | | in ² / lb | 41934 | 33550 | 20126 | |
| SURFACE TENSION (min) # (Corona Treated Surface) | ASTM D-2578 | dyne/cm | 52 | | | |
| COF (max) (Untreated to Sealable Functional Surface) (Corona to Sealable Functional Surface) | ASTM D-1894 | - | 0.50 | | | |
| | | - | 0.55 | | | |
| HAZE (max) | ASTM D-1003 | % | 4.0 | 4.5 | 4.5 | |
| TENSILE STRENGTH AT BREAK (min) | MD | kg/cm ² | 1700 | 1700 | 1600 | |
| | TD | | 1900 | 1900 | 2000 | |
| | MD | (Psi) | 24200 | 24200 | 22700 | |
| | TD | | 27000 | 27000 | 28500 | |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 115 | 115 | 120 |
| | TD | | | 85 | 85 | 90 |
| HEAT SEAL TEMP. RANGE | Internal | °C | 110-200 | 110-200 | 120-200 | |
| SEAL STRENGTH (120°C, 1 sec, 2.8 bar) | FIN SEAL | ASTM D-882 | gm./25mm | 400 | 500 | 750 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | ASTM D-1204 | % | 3.0 | | | |
| | | | 1.0 | | | |
| MVTR (38°C & 90% RH) (typical) | ASTM F-1249 | gm/m ² /day | 45 | 40 | 30 | |
| | | (gm/100 in ² /day) | 2.9 | 2.4 | 2.0 | |
| OTR (23°C & 0% RH) (typical) | ASTM D-3985 | cc/m ² /day | 130 | 115 | 80 | |
| | | (cc/100 in ² /day) | 8.5 | 8.0 | 5.2 | |

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.



Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

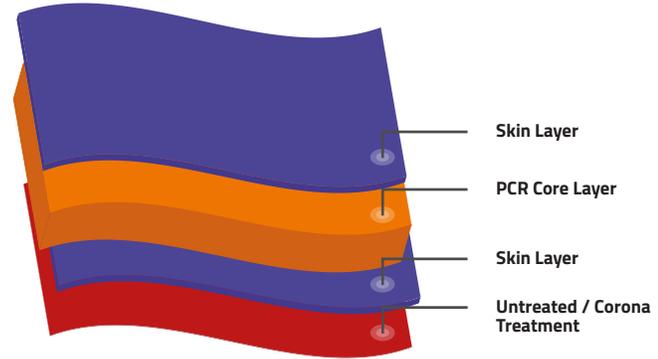
R-HTF HOT STAMPING BASE FILM

R-HTF is transparent BOPET film from our Asclepius branded PCR content products. The film is either both sides Untreated or one side Corona Treated with other side Untreated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Post Consumer Recycle content for a low carbon footprint (all % PCR)
- Very high thermal stability
- Excellent machinability & handling properties
- High mechanical properties
- Good optical properties

FILM STRUCTURE



APPLICATION:

- This grade of film is ideal as a transfer foil to transfer designs on paper, textile, or plastics

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 12 | 15 | 19 | 23 | 36 | 45 | 50 |
| | | | (Gauge) | 48 | 60 | 76 | 92 | 144 | 180 | 200 |
| YIELD | | Internal | m ² / kg | 59.52 | 47.62 | 37.59 | 31.05 | 19.84 | 15.87 | 14.28 |
| | | | in ² /lb | 41934 | 33550 | 26483 | 21876 | 13978 | 11181 | 10060 |
| SURFACE TENSION (min) # (Corona Treated surface) | | ASTM D-2578 | dyne/cm | 52 | | | | | | |
| COF (max) (Corona Treated to Untreated) (Untreated to Untreated) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 | 0.45 |
| | | | | 0.45 | 0.45 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 4.0 | 4.5 | 5.0 | 5.5 | 5.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 105 | 110 | 115 | 120 | 125 | 125 |
| | TD | | | 85 | 85 | 90 | 90 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (5 Minute at 190°C) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 5.0 | 5.0 | 5.0 | 5.0 | - | - | - |
| | TD | | | 0.6 | 0.6 | 0.6 | 0.6 | - | - | - |
| | MD | | | - | - | - | - | 2.0 | 2.0 | 2.0 |
| | TD | | | - | - | - | - | 0.8 | 0.8 | 0.8 |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 45 | 40 | 35 | 30 | 20 | 18 | 16 |
| | | | (gm/100 in ² /day) | 2.9 | 2.6 | 2.3 | 2.0 | 1.3 | 1.2 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 130 | 110 | 90 | 80 | 70 | 55 | 45 |
| | | | (cc/100 in ² /day) | 8.5 | 7.1 | 5.8 | 5.2 | 4.5 | 3.5 | 2.9 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn

www.selexibleplastic.com

R-IST

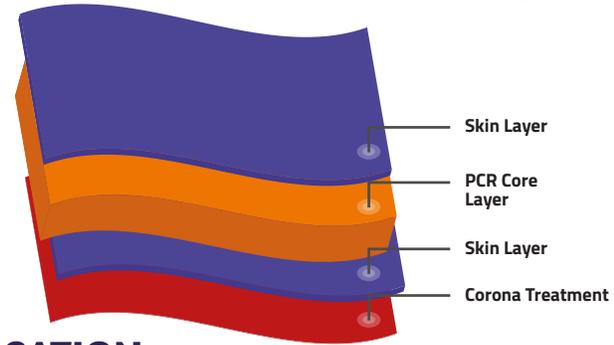
PCR BASED ISOTROPIC FILM

R-IST is a transparent BOPET film. The film has one side Untreated with the other side being Corona Treated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Excellent clarity
- Corona treatment improves bonding
- Improved tensile & elongation properties
- Balanced mechanical properties in all directions
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- This film grade is ideal for lidding applications of dairy products
- Paper and Foil laminations

| PROPERTIES | TEST METHOD | UNIT | TYPICAL VALUES | | |
|--|-------------|-------------------------------|----------------|-------|-------|
| THICKNESS | Internal | Micron | 12 | 23 | 36 |
| | | (Gauge) | 48 | 92 | 144 |
| YIELD | Internal | m ² / kg | 59.52 | 31.05 | 19.84 |
| | | in ² /lb | 41934 | 21876 | 13978 |
| SURFACE TENSION (min) # (Corona Treated) | ASTM D-2578 | dyne/cm | 52 | | |
| COF (max) (Untreated to Corona Treated) | ASTM D-1894 | - | 0.50 | 0.50 | 0.45 |
| HAZE (max) | ASTM D-1003 | % | 4.0 | 4.5 | 5.0 |
| TENSILE STRENGTH AT BREAK (min) | ASTM D-882 | kg/cm ² | 1800 | 1800 | 1700 |
| | | | 1900 | 1900 | 1900 |
| | | (Psi) | 25500 | 25500 | 24200 |
| | | | 27000 | 27000 | 28500 |
| ELONGATION AT BREAK (min) | ASTM D-882 | % | 110 | 120 | 130 |
| | | | 95 | 100 | 100 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | ASTM D-1204 | % | 3.0 | | |
| | | | 1.0 | | |
| MVTR (38°C & 90% RH) (typical) | ASTM F-1249 | gm/m ² /day | 45 | 30 | 20 |
| | | (gm/100 in ² /day) | 2.9 | 2.0 | 1.3 |
| OTR (23°C & 0% RH) (typical) | ASTM D-3985 | cc/m ² /day | 130 | 80 | 70 |
| | | (cc/100 in ² /day) | 8.5 | 5.2 | 4.5 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

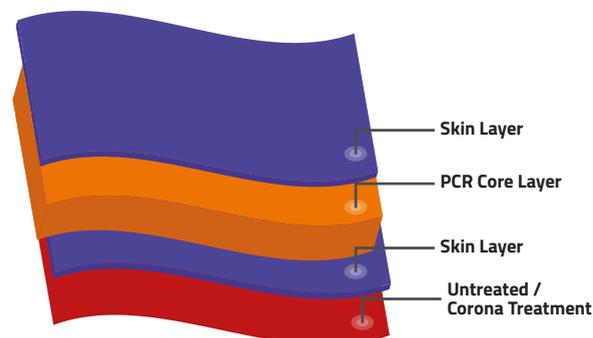
R-MTG PCR BASED FILMS

R-MTG is a transparent BOPET film. The film is either both sides Untreated or one side Corona Treated with the other side Untreated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Excellent clarity
- High surface energy on treated side gives good metal adhesion
- Excellent machinability & handling properties
- Very good gloss after metallization
- Corona treatment improves bonding
- Used as a barrier substrate in laminate after metallization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Flexible Packaging
- Laminations (Solventless and Extrusion)
- Decorative applications

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | |
|--|----|-------------|-------------------------------|----------------|-------|
| THICKNESS | | Internal | Micron | 12 | 15 |
| | | | (Gauge) | 48 | 60 |
| YIELD | | Internal | m ² / kg | 59.52 | 47.62 |
| | | | in ² / lb | 41934 | 33550 |
| SURFACE TENSION (min) # (Corona side) | | ASTM D-2578 | dyne/cm | 52 | |
| COF (max) (Corona Treated to Untreated) (Untreated to Untreated) | | ASTM D-1894 | - | 0.50 | |
| | | | | 0.50 | |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 |
| | TD | | | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 |
| | TD | | | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 110 |
| | TD | | | 85 | 85 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | |
| | TD | | | 1.0 | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 45 | 40 |
| | | | (gm/100 in ² /day) | 2.9 | 2.6 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 130 | 110 |
| | | | (cc/100 in ² /day) | 8.5 | 7.1 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.



Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

R-PAP

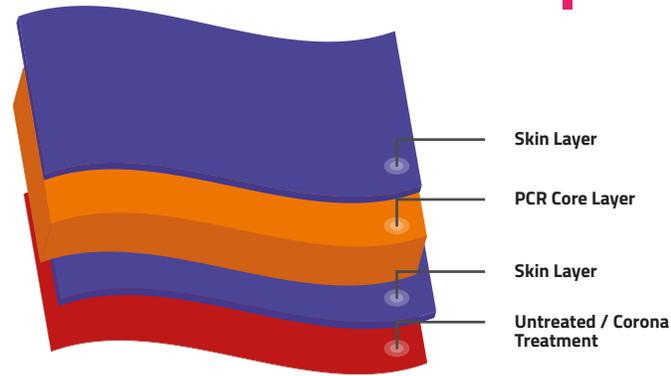
PLAIN PCR BASED FILM

R-PAP is a transparent BOPET film. The film is one side Corona Treated with one side Untreated or both sides Untreated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High clarity
- Corona treatment improves bonding
- Excellent surface & good handling properties
- Excellent dimensional stability & machinability
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Flexible packaging
- Solvent & Water based coating

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 12 | 15 | 19 | 23 | 30 | 36 | 50 |
| | | | (Gauge) | 48 | 60 | 76 | 92 | 120 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 59.52 | 47.62 | 37.59 | 31.05 | 23.80 | 19.84 | 14.28 |
| | | | in ² /lb | 41934 | 33550 | 26483 | 21876 | 16768 | 13978 | 10060 |
| SURFACE TENSION (min) # (Corona Treated surface) | | ASTM D-2578 | dyne/cm | 52 | | | | | | |
| COF (max) (Untreated to Untreated) (Untreated to Corona Treated) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 | 0.45 | 0.45 | 0.40 | 0.40 |
| | | | | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 4.5 | 4.5 | 5.0 | 5.0 | 5.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 | 1900 | 1750 | 1750 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 | 27000 | 25000 | 25000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 105 | 110 | 115 | 115 | 120 | 125 |
| | TD | | | 85 | 85 | 85 | 90 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | | | | |
| | TD | | | 1.0 | | | | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 45 | 40 | 35 | 30 | 25 | 20 | 16 |
| | | | (gm/100 in ² /day) | 2.9 | 2.6 | 2.3 | 2.0 | 1.6 | 1.3 | 1.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 130 | 110 | 90 | 80 | 75 | 70 | 45 |
| | | | (cc/100 in ² /day) | 8.5 | 7.1 | 5.8 | 5.2 | 4.8 | 4.5 | 2.9 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

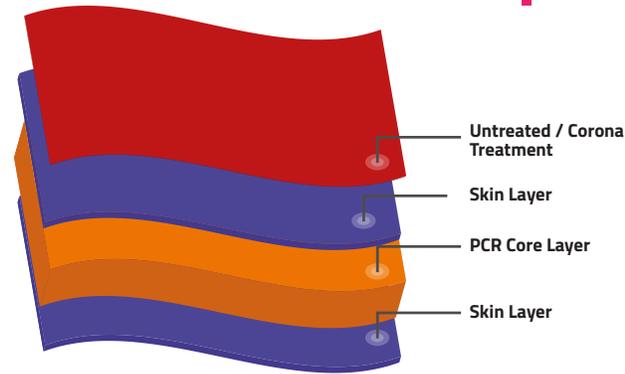
R-SLC SILICONE COATABLE PCR BASED FILM

R-SLC is a transparent BOPET film. The film is either both sides Untreated or one side Corona Treated with the other side Untreated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- High mechanical strength & durability
- Good clarity
- Excellent machinability properties
- Good thermal & dimensional stability
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- This film grade is specially designed for silicon coating applications

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 19 | 23 | 30 | 36 | 50 |
| | | | (Gauge) | 72 | 92 | 120 | 144 | 200 |
| YIELD | | Internal | m ² / kg | 37.59 | 31.05 | 23.80 | 19.84 | 14.28 |
| | | | in ² /lb | 26483 | 21876 | 16768 | 13978 | 10060 |
| SURFACE TENSION (min) # (Corona side) | | ASTM D-2578 | dyne/cm | 52 | | | | |
| COF (max) (Untreated to Untreated) (Untreated to Corona Treated) | | ASTM D-1894 | - | 0.40 | 0.40 | 0.40 | 0.35 | 0.35 |
| | | | | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 5.0 | 5.5 | 6.0 | 7.0 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 2100 | 2100 | 2100 | 2100 | 1900 |
| | TD | | | 2000 | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 30000 | 30000 | 30000 | 30000 | 27000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 110 | 115 | 120 | 125 | 125 |
| | TD | | | 90 | 90 | 90 | 90 | 95 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | | ASTM D-1204 | % | 3.0 | | | | |
| | | | | 0.0 | | | | |
| MVTR 38° C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 35 | 30 | 25 | 20 | 16 |
| | | | (gm/100 in ² /day) | 2.3 | 2.0 | 1.6 | 1.3 | 1.0 |
| OTR (23° C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 90 | 80 | 75 | 70 | 45 |
| | | | (cc/100 in ² /day) | 5.8 | 5.2 | 4.8 | 4.5 | 2.9 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

STORAGE AND HANDLING TRANSVERSE DIRECTION

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

R-STF

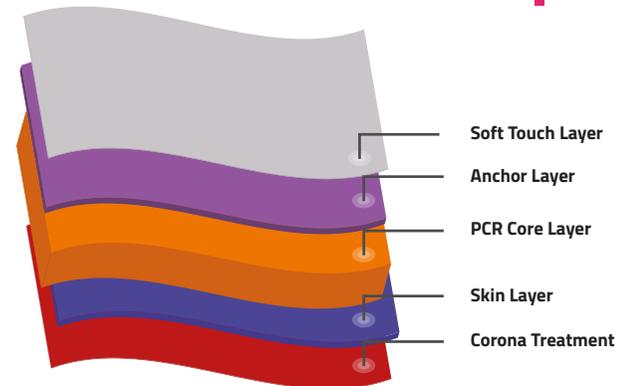
SOFT TOUCH MATTE FILM

R-STF is a soft touch / velvet feel matte BOPET film. The film is specially designed to laminate high quality graphic media with a velvet feel similar to peach skin. This data sheet applies to all PCR content levels (30, 50, 90 and 100%).

KEY FEATURES:

- Excellent matte homogeneity / dispersion
- Excellent soft velvet feel
- High haze (<90%)
- Low gloss on matte side
- Excellent contact clarity
- Good scratch resistance
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Luxury Packaging
- Label
- Graphic Advertising Banners
- High end stationary products like diary & book covers

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | |
|---|----|----------------|----------------------|--|-------|
| THICKNESS | | Internal | Micron | 14 | 25 |
| | | | (Gauge) | 56 | 100 |
| YIELD | | Internal | m ² / kg | 50.29 | 29.02 |
| | | | in ² / lb | 35365 | 20400 |
| SURFACE TENSION (min) (Soft Touch "Matte" surface) (Corona Treated surface) | | ASTM D-2578 | dyne/cm | (Greater than) > 50 (Greater than) > 40 | |
| COF (max) (One side to the other side) | | ASTM D-1894 | - | 1.00 | |
| HAZE (max) | | ASTM D-1003 | % | 90.0 | |
| COLOR (range) | | ASTM D65 / 10° | b* | 0 ± 1 | |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 |
| | TD | | | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 |
| | TD | | | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 90 | 115 |
| | TD | | | 80 | 90 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | |
| | TD | | | 1.0 | |
| GLOSS (range) (Soft Touch "Matte" Surface) | | ASTM D-2457 | GU | 10-15 | |
| COATING HARDNESS (range) | | ASTM D-3363 | - | HB - H | |
| COATING ANCHORAGE | | ASTM D-3359 | Internal | PASSES TEST | |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 180 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.



Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

R-UPF

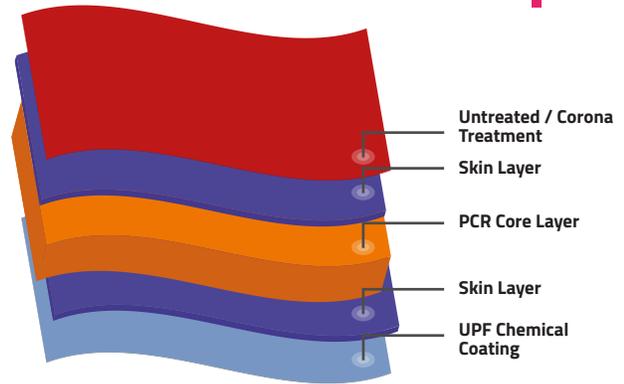
UPF CHEMICAL COATED PCR BASED FILM

R-UPF is a transparent BOPET film. The film is one side UPF Chemical Coated with the other side being Untreated or Corona Treated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

KEY FEATURES:

- Excellent machinability & handling properties
- Excellent metal bond strength when metallized
- Corona treatment improves bonding
- Post Consumer Recycle content for a low carbon footprint (all % PCR)
- Modified surface provides excellent adhesion with various types of inks and adhesives.

FILM STRUCTURE



APPLICATION:

- Printing, Lamination, & Metallization
- Hot fill, Pasteurization, Sterilization, & Retort applications

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | | |
|--|----|-------------|-------------------------------|----------------|-------|-------|-------|
| THICKNESS | | Internal | Micron | 12 | 15 | 19 | 23 |
| | | | (Gauge) | 48 | 60 | 76 | 92 |
| YIELD | | Internal | m ² / kg | 59.52 | 47.62 | 37.59 | 31.05 |
| | | | in ² /lb | 41934 | 33550 | 26483 | 21876 |
| SURFACE TENSION (min) # (UPF Chemical Coated surface) (Corona Treated surface) | | ASTM D-2578 | dyne/cm | 48 | | | |
| | | | | 52 | | | |
| COF (max) (UPF Chemical Coated to Untreated) (UPF Chemical Coated to Corona Treated) | | ASTM D-1894 | - | 0.45 | 0.45 | 0.45 | 0.45 |
| | | | | 0.45 | 0.45 | 0.45 | 0.45 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.0 | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 | 1900 |
| | TD | | | 2000 | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 | 27000 |
| | TD | | | 28500 | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 105 | 110 | 115 |
| | TD | | | 85 | 85 | 85 | 90 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | | |
| | TD | | | 1.0 | | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 45 | 40 | 35 | 30 |
| | | | (gm/100 in ² /day) | 2.9 | 2.6 | 2.3 | 2.0 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 130 | 110 | 90 | 80 |
| | | | (cc/100 in ² /day) | 8.5 | 7.1 | 5.8 | 5.2 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

F-PGX

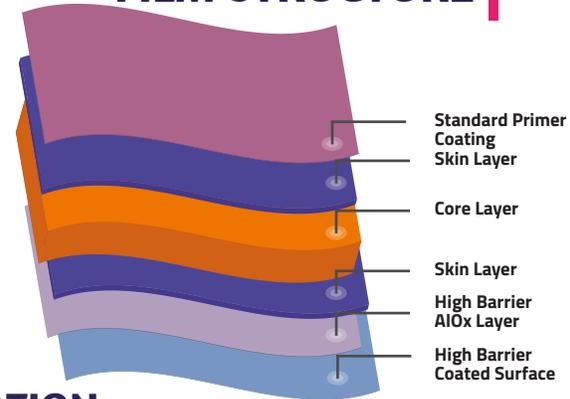
HIGH BARRIER ALOX FILM

F-PGX is a high barrier transparent BOPET film. The film has a Protective Printable layer atop a High Barrier vacuum deposit on one side with the other side treated with a Standard Primer Slip Coat.

KEY FEATURES:

- Excellent moisture & oxygen barrier properties
- Higher yield over PVDC coated films
- PVDC / EVOH (PE) coated film replacement
- Environmentally friendly
- High clarity and product visibility

FILM STRUCTURE



APPLICATION:

- The film is suitable for high barrier applications like dried meat snacks, confectionaries, microwavable foods, etc
- Eye catching packaging
- Handle film with care during printing and lamination processes to retain high barrier properties
- Suitable for hot fill, sterilization, pasteurization, and retort applications (121° C/30min)
- Industrial packaging

Key note:- Selection of specific ink & adhesive For Retort Application

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | | |
|--|----------|--|-------------------------------|----------------|-------|-------|
| THICKNESS | Internal | Micron (Gauge) | | 9.5 | 12.5 | 23.5 |
| | | | | 38 | 50 | 94 |
| YIELD | Internal | m ² / kg in ² /lb | | 75.18 | 57.14 | 30.40 |
| | | | | 52967 | 40257 | 21410 |
| SURFACE TENSION (min) (Standard Primer Coated surface) (High Barrier Coated Surface) | | ASTM D-2578 | dyne/cm | 40 | | |
| | | | | 48 | | |
| COF (max) (One side to the other side) | | ASTM D-1894 | - | 0.50 | 0.50 | 0.50 |
| HAZE (max) | | ASTM D-1003 | % | 3.0 | 3.0 | 3.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 | 1900 |
| | TD | | | 2000 | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 | 27000 |
| | TD | | | 28500 | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 100 | 105 | 115 |
| | TD | | | 80 | 85 | 90 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | | |
| | TD | | | 1.0 | | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 1.0 | 1.0 | 1.0 |
| | | | (gm/100 in ² /day) | 0.065 | 0.065 | 0.065 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 1.0 | 1.0 | 1.0 |
| | | | (cc/100 in ² /day) | 0.065 | 0.065 | 0.065 |

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions this material is suitable for use within 180 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

F-PLX

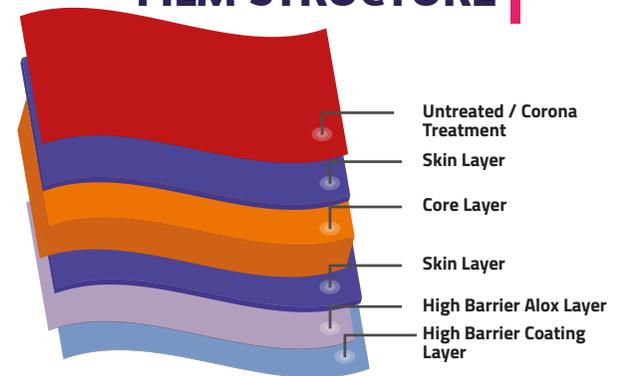
HIGH BARRIER ALOX FILM

F-PLX is a high barrier transparent BOPET film. The film has a Protective Printable layer atop a High Barrier vacuum deposit on one side with the other side either Untreated or Corona Treated.

KEY FEATURES:

- Excellent moisture & oxygen barrier properties
- Higher yield over PVDC coated films
- PVDC / EVOH (PE) coated film replacement
- Environmentally friendly
- High clarity and product visibility

FILM STRUCTURE



APPLICATION:

- The film is suitable for high barrier applications like dried meat snacks, confectionaries, microwavable foods, etc.
- Eye catching packaging
- Handle film with care during printing and lamination processes to retain high barrier properties
- Suitable for hot fill, sterilization, pasteurization, and retort applications (121°C / 30 min)
- Industrial packaging

Keynote: Selection of specific ink & adhesive for retort application

| PROPERTIES | | TEST METHOD | UNIT | TYPICAL VALUES | |
|--|----|-------------|-------------------------------|----------------|-------|
| THICKNESS | | Internal | Micron | 12.5 | 23.5 |
| | | | (Gauge) | 50 | 94 |
| YIELD | | Internal | m ² / kg | 57.14 | 30.40 |
| | | | in ² / lb | 40257 | 21410 |
| SURFACE TENSION (min) # (Corona Treated surface) (UPF Chemical Coated surface) | | ASTM D-2578 | dyne/cm | 52 | 48 |
| COF (max) (One side to the other side) | | ASTM D-1894 | - | 0.50 | 0.50 |
| HAZE (max) | | ASTM D-1003 | % | 4.0 | 4.5 |
| TENSILE STRENGTH AT BREAK (min) | MD | ASTM D-882 | kg/cm ² | 1900 | 1900 |
| | TD | | | 2000 | 2000 |
| | MD | | (Psi) | 27000 | 27000 |
| | TD | | | 28500 | 28500 |
| ELONGATION AT BREAK (min) | MD | ASTM D-882 | % | 105 | 115 |
| | TD | | | 85 | 90 |
| LINEAR SHRINKAGE (max) (30 Minute at 150°C) | MD | ASTM D-1204 | % | 3.0 | |
| | TD | | | 1.0 | |
| MVTR (38°C & 90% RH) (typical) | | ASTM F-1249 | gm/m ² /day | 2.0 | 2.0 |
| | | | (gm/100 in ² /day) | 0.13 | 0.13 |
| OTR (23°C & 0% RH) (typical) | | ASTM D-3985 | cc/m ² /day | 2.0 | 2.0 |
| | | | (cc/100 in ² /day) | 0.13 | 0.13 |

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions this material is suitable for use within 180 days from the date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.



Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com