



Article Information Sheet

Document Version: 1.0

Revision Date: May 19, 2026

Supplier: Brother International Corporation

1. Product Identification

Product names:

- DTRXOP60ROLL01V1
- DTRXOP80ROLL01V1
- DTRXOP60ROLL06V1
- DTRXOP80ROLL06V1

Intendent Use:

Direct-to-Film (DTF) Printing Applications

2. Company

Supplier:

Brother International Corporation
7777 N Brother Blvd
Bartlett, TN 38133

3. Composition / Information on ingredients

Weight Percentage	Component
95.0-96.0%	Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)
2.0-4.0%	Silsesquioxanes, Me Ph
1.0-2.0%	1,3-Benzenedicarboxylic acid, dimethyl ester, polymer with dimethyl-1,4-benzenedicarboxylate and 1,2-ethanediol
1.0-2.0%	Silicon dioxide

4. Recommended Conditions of Use

Parameter	Temperature	Status
Printer base plate	45–50°C	Optional
Front heating plate (before powder)	65–90°C	Required
Bottom plate (after powder shaking)	95–105°C	Recommended
Rear heating temperature	145–150°C	Required

Powder Application Guidance

Following powder application, the speed of the powder shaking mechanism may be adjusted according to the level of powder adhesion observed during processing. Increasing the speed may help reduce powder accumulation and improve application consistency.



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5. Health and Safety Information

General Safety Information

This product is not expected to present significant health or safety hazards when used in accordance with intended operating conditions.

Fire Hazard

Although the film base material is combustible, it is not readily flammable. Significant heating above normal ambient conditions is generally required before ignition or combustion may occur.

Combustion products

Combustion by-products will depend on burning conditions and may include:

- Carbon dioxide (CO₂)
- Carbon monoxide (CO)
- Aliphatic hydrocarbons
- Aromatic hydrocarbons
- Aldehydes

Firefighting measures:

In the event of a fire, firefighters should wear:

- Self-contained breathing apparatus (SCBA)
- Appropriate protective clothing

Extinguishing Media:

- Water spray
- Foam
- Dry chemical extinguishing agents
- Carbon dioxide (CO₂)

6. Waste disposal

Dispose of this material in accordance with all applicable local, regional, and national environmental regulations.

Where permitted, material may be considered for energy recovery.



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7. Transport and labelling regulations

This product is not subject to transportation or labeling regulations applicable to hazardous substances under normal conditions of transport.

8. Storage

Store under the following environmental conditions:

- **Temperature:** $25 \pm 2^{\circ}\text{C}$
- **Relative Humidity:** $55 \pm 10\%$

Avoid crushing, excessive pressure, or improper stacking during storage and transportation.

9. Disclaimer

The information contained herein is provided in good faith and without warranty of any kind, express or implied. Users should consider this information as supplementary and should independently determine the suitability, completeness, and applicability of the material for their specific intended use.

Users are advised that risks may arise if the product is used for applications other than those for which it was designed. Appropriate precautions should be taken to ensure the safety of employees, customers, and the environment.