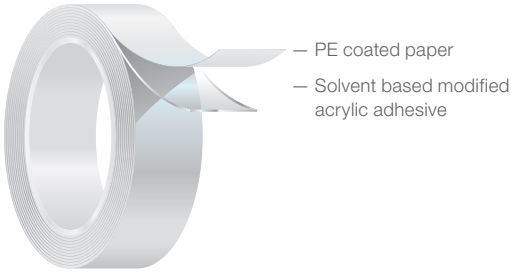
# FT F2079 GP-HCWT

**FT F2079 GP-HCWT** is a transfer or unsupported pressure sensitive adhesive system for assembling purposes. The adhesives used are acrylic polymer or synthetic rubber based formulations. FT F2079 GP-HCWT is protected by one or two silicone coated release liners.

## CONSTRUCTION & TYPICAL APPLICATION:

- Free film of solvent based modified acrylic adhesive. It offers very high tack, peel, and medium shear properties.
- Produced in self-wound format on a PE coated paper.
- For applications where a very high initial tack is required particularly for low surface energy substrates.
- White Goods Industry: Gasket and seal mounting and mounting of nameplates, emblems, backprinted graphics.




| Adhesion with Substrates | | | |
|---|---|---|---|
| Metal / Aluminium | High | Acrylic / PET | High |
| Glass / Ceramics | High | Polystyrene | High |
| Painted Surface | High | PP / PE / PS | High |
| Wood / Board / Paper | High | Textile / Cotton | High |
| Soft PVC | Medium | Rubber / EPDM | Medium |
| Rigid PVC | High | Smooth Substrate | High |
| PC / ABS | High | Rough Substrate | High |

## RESISTANCE:

- Resistant to water, detergents and alcohol. Medium resistance to plasticizers and medium outdoor resistance. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

## SHELF LIFE:

- 1 year when stored at 15/25° C and ± 50% relative humidity.

## FT F2079 GP-HCWT

| ADHESIVE DATA | Typical Values* | Test Method |
|---|---|---|
| **Quick Tack** (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) | 35 | FTM 9 |
| **Peel 180°** (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)<br>- after 20 minutes<br>- after 24 hours | <br>25<br>25 | <br>FTM 1<br>FTM 1 |
| **Shear** on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours) | 200 | FTM 8 |

| CARRIER DATA | Typical Values* | Test Method |
|---|---|---|
| Carrier Free | | |

| TEMPERATURE RESISTANCE | Typical Values* | Test Method |
|---|---|---|
| Minimum Application Temperature | + 10°C | |
| End-use Temperature Range | - 40°C to + 100°C | |
| Short Term Resistance | + 120°C | S.A.F.T. 500grs |

| RELEASE LINER | Typical Values* | Test Method |
|---|---|---|
| PE Coated Paper | 120 gr/sqm | ISO 536 |

| THICKNESS | Typical Values* | Test Method |
|---|---|---|
| Carrier + Adhesive | 68µ | ISO 534 |

*Values given are typical and are not necessarily for use in specifications.

## APPLICATION TECHNIQUES:

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

## IMPORTANT NOTICE:

Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison Conditions of Sales, a copy of which is available upon request.

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AVERY DENNISON | Performance Tapes

**Asia Pacific**
Kunshan, China,
No. 618 Nanhe Road
Kunshan Economic &
Technological Zone
China 215335
Phone: +86 512 57155001
Fax: +86 512 57155059

**Europe**
Tieblokkenlaan 1
B-2300 Turnhout
Belgium
Phone: +32 (0)14 40 48 11
Fax: +32 (0)14 40 48 55

Bld J.F. Kennedy 1
7060 Soignies
Belgium
Phone: +32 (0)14 404 963
Fax: +32 (0)14 40 48 55

**North America**
250 Chester Street
Painesville, Ohio
44077 USA
Phone: +1 866-462-8379
Fax: +1 888-358-4469

For more information on our bonding tapes and adhesive solutions, visit **Tapes.AveryDennison.com**