Contamination Control
Particle Trap® Cleaning Pad

Particle Trap® Cleaning Pads consist of a high-quality acrylic pressure-sensitive adhesive on a film liner to efficiently lift particulates off **Particle Trap® Rollers (PTR)**. Once transferred into the adhesive, particles become trapped, safely and permanently removed from your materials, process and cleanroom. In many cases, parts and materials can also be pressed or rolled directly onto the **Particle Trap® Cleaning Pad** to lift particles from their surface.

Each **Particle Trap® Cleaning Pad** has 100 tear-away sheets, mounted onto a rigid back-plate which can handily be placed on a work surface or hung on a nearby vertical surface when bench space is limited.

PTR-PAD
(shown with PT Roller, sold separately)

Clean with Particle Trap® Confidence!

■ FEATURES & BENEFITS

- Ideal for cleaning and refreshing **Particle Trap® Rollers** in just seconds
- 100 tear-away sheets per pad
- Once the top sheet becomes loaded with contaminants, and no longer efficiently cleans the **Particle Trap® Rollers**, simply tear-away the top sheet to expose a fresh sheet
- Sheets with contaminants can easily be studied under a microscope to help determine the source of particulates. A great way to investigate root-cause and implement preventive measures
- Sold as single pads (100 sheets/pad), or by the box (10 pads/box)
- FTIR Tested to be Silicone Free (see page 2)
- Cleanroom compatible

■ APPLICATIONS

- Fast, easy, effective way to clean and refresh **Particle Trap® Rollers**
- Transfer particles directly onto the **Particle Trap® Cleaning Pad** from silicone, urethane and other hi-tack materials and parts with flat or convex surfaces.

■ SPECIFICATIONS

- Weight: 1.7lbs. / 0.77kg per pad
- Dimensions: 0.5x9.5x13.25 / 13x241x337mm
- Storage:
  - Keep away from heat and sources of ignition
  - Ideal Temperature 70~77F / 21~25C
  - Ideal Humidity 40~60%RH
  - Shelf Life: 6 months

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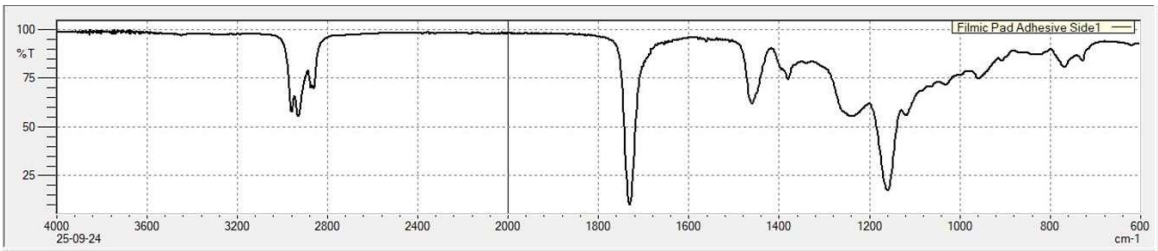
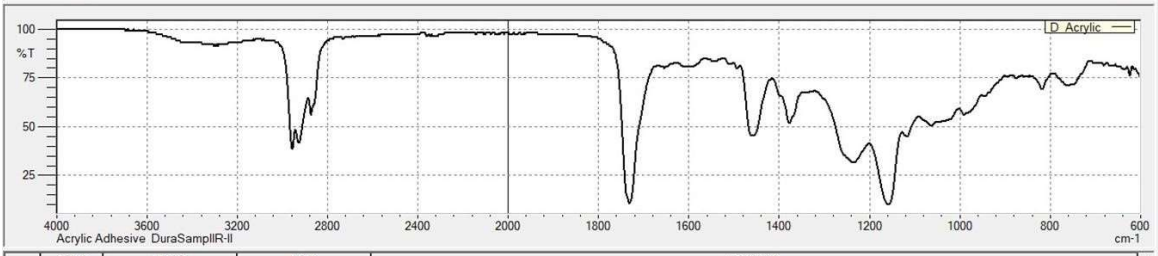
Particle Trap® Cleaning Pads have been FTIR Tested and proven to be Silicone Free, on both the Pad Release Side (without adhesive) and on the Pad Adhesive side, as shown in the Test Results below

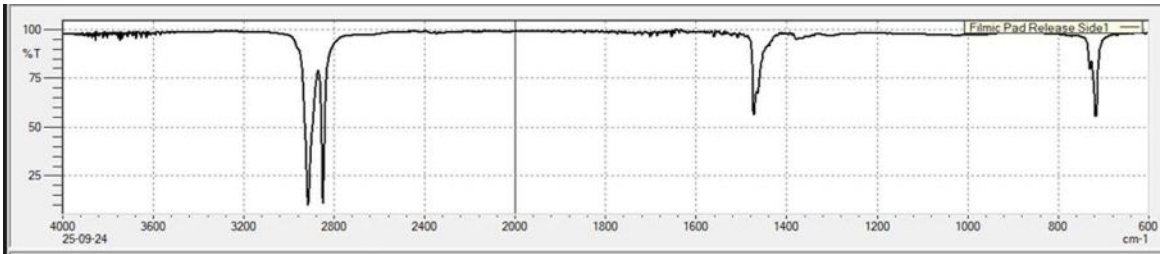
The FTIR analysis shows the following

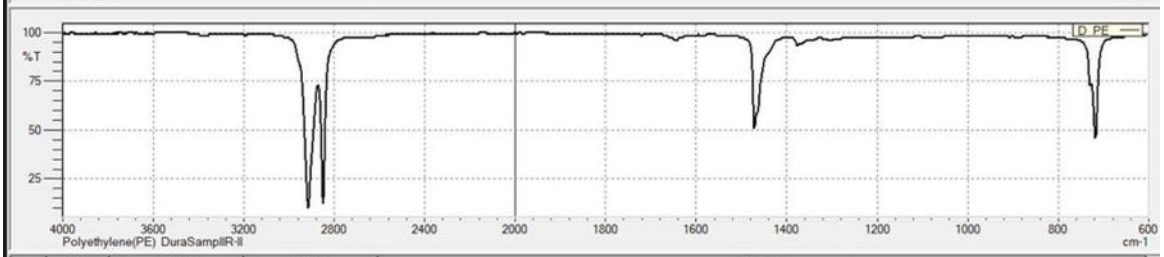
- Film Release Side
  - Material - HDPE
  - No presence of Silicone
- Film Adhesive Side
  - Material – Acrylic Adhesive
  - No presence of Silicone





	Score	Library	Name	Comment
1	909	89 - ATR-Polymer2	D_Acrylic	Acrylic Adhesive DuraSamplIR-II
2	840	216 - IRs Agrichemicals	DOA	DOA Standard ATR method(KRS-5 prism)
3	838	88 - T-Polymer2	Acrylic Adhesive	Acrylic Adhesive Transmission(Microscope)
4	834	145 - T-Polymer2	T_PVC with AdipicEster	Polyvinylchloride with Adipic Ester Transmission(Microscope)
5	802	92 - T-Polymer2	T_ButylMethacrylate_Isobutyl	Butyl Methacrylate/Isobutyl Methacrylate Copolymer(50:50) Transmission(Microscope)
6	801	185 - ATR-Polymer2	D_PVC with AdipicEster	Polyvinylchloride with Adipic Ester DuraSamplIR
7	794	17 - A_FoodAdditives2	A_Ethyl octoate-4	Ethyl octoate(Product name;Ethyl n-CaprylateCSales origin;Wako Pure Chemical Industries, Ltd.)@DuraSamplIR2(diamond)
8	785	53 - A_FoodAdditives2	A_Ethyl n-Heptanoate-4	Ethyl n-Heptanoate(Sales origin;Wako Pure Chemical Industries, Ltd.)@DuraSamplIR2(diamond)
9	784	23 - T_FoodAdditives2	T_Isoamyl Formate-4	Isoamyl Formate(Sales origin;TOKYO CHEMICAL INDUSTRY CO.,LTD.)@Between Salts(KBr)
10	783	136 - T-Polymer2	T_Polybutyl_Methacrylate	Poly(Butyl Methacrylate) Transmission(Microscope)
11	781	33 - A_FoodAdditives2	A_Ethyl Decanoate-4	Ethyl Decanoate(Product name;Ethyl n-capnateCSales origin;Wako Pure Chemical Industries, Ltd.)@DuraSamplIR2(diamond)
12	781	17 - IRs Reagent2	C22H42O4	Dioctyl Adipate [C8H17OOC(CH2)4COOC8H17]
13	779	18 - T_FoodAdditives2	T_Ethyl octoate-4	Ethyl octoate(Product name;Ethyl n-CaprylateCSales origin;Wako Pure Chemical Industries, Ltd.)@Between Salts(KBr)
14	778	52 - T_FoodAdditives2	T_Ethyl n-Heptanoate-4	Ethyl n-Heptanoate(Sales origin;Wako Pure Chemical Industries, Ltd.)@Between Salts(KBr)





	Score	Library	Name	Comment
1	955	23 - ATR-Polymer2	D_PE	Polyethylene(PE) DuraSamplIR-II
2	926	107 - ATR-Polymer2	D_HDPE	High Density Polyethylene(HDPE) DuraSamplIR-II
3	912	56 - A_FoodAdditives2	A_Microcrystalline Wax-4	Microcrystaline Wax(Product name;MW-0055CSales origin;MACHIDA CANDLE CO.,LTD)@DuraSamplIR2(diamond)
4	909	148 - ATR-Polymer2	D_Polyethylene_Oxidized	Polyethylene, Oxidized DuraSamplIR-II
5	907	4 - ATR-Polymer2	D_EAA	Ethylene Acrylic Acid(EAA) DuraSamplIR-II
6	900	39 - T_FoodAdditives2	T_Paraffin Wax-4	Paraffin Wax(Product name;PW-3501CSales origin;MACHIDA CANDLE CO.,LTD)@Film
7	893	55 - T_FoodAdditives2	T_Microcrystaline Wax-4	Microcrystaline Wax(Product name;MW-0055CSales origin;MACHIDA CANDLE CO.,LTD)@Film
8	891	38 - A_FoodAdditives2	A_Paraffin Wax-4	Paraffin Wax(Product name;PW-3501CSales origin;MACHIDA CANDLE CO.,LTD)@DuraSamplIR2(diamond)
9	886	21 - A_FoodAdditives2	A_Candelilla Wax-4	Candelilla Wax(Sales origin;MIKI CHEMICAL INDUSTRY & CO.,LTD.)@DuraSamplIR2(diamond)
10	857	16 - IRs Polymer2	IONOMER1	Ionomer (Na Type) Surlyn1601
11	855	17 - IRs Polymer2	IONOMER2	Ionomer (Zn Type) surlyn1652
12	846	100 - ATR-Polymer2	D_Ethylene_EthylAcrylate	Ethylene/Ethyl Acrylate Copolymer(Ethyl Acrylate content 18%) DuraSamplIR-II
13	839	123 - ATR-Polymer2	D_PE_PP	Ethylene/Propylene Copolymer(Ethylene content 60%) DuraSamplIR-II
14	808	19 - IRs Polymer2	D_PP	Low Density Polyethylene

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