



Technical Data Sheet

Effective: 28/02/2020 Supersedes: 08/02/2010

Automotive Aftermarket Division

3M™ 443SA Trizact™ Fine Finishing Discs

1) Part Numbers

Part number	Item	Grade	Dimension	Units per pack	Units per case
51131	Fine finishing discs	6000	75mm	15	4
51130		6000	150mm		
50415		6000	75mm		
50414		6000	150mm		
50079		6000	32mm	100	10

2) Description and end uses

3M 443SA Trizact™ Blending Discs are revolutionary structured abrasives for keying paint for the preparation of paint prior to the blending process. The discs have pyramid or triangular block structures which contain multiple layers of fine grade abrasive mineral. As the abrasive wears, sharp mineral is continuously exposed. The result is a consistent smooth finish and exceptional life.

3) Physical Properties

150 mm, 75 mm and 32mm discs

Foam backed abrasive disc with Hookit™ facing in 150 mm, 75 mm and 32mm diameters.

Product highlights:

- 0.5 micron finish – 1/3 of the finish of Microfine 2000 Wetordry™
- Very easy to compound
- Reduces compounding time by up to 80% and total refinish time by an average of 30%
- Less mess
- Much less heat build-up in the compounding stage



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4) Directions for Use

- Use with a fine action D/A sander (5 or 3 mm orbit) fitted with a soft Hookit™ back-up pad
- Use direct on the back-up pad when sanding flat areas and for contoured surfaces add the soft interface pad (PN 05774)
- Remove defects as normal with 260L P1500/1200 or Microfine Wetordry™ grade 2000/1500 or 9 micron or 2000 Wetordry™ scalloped discs
- Wipe off the sanding debris then wet the area with a pump spray bottle, also wet the disc face. The disc should not be allowed to run dry
- Use water or soapy water only. Do not use solvent or water-based degreaser
- do not leave soaking in water bucket
- Using medium pressure sand over the area until flatting scratches are no longer visible. You can check this by cleaning the area with a rubber squeegee. A small amount of practise will be needed to judge how long to sand to remove the flatting scratches. This will be dependent on previous grade used, paint hardness, orbit of machine, etc.
- Compound with Fast Cut Plus Compound/Fine Compound or the Finesse-it system. Compounding will take only a few seconds
- Finally use 3M™ 09376 Perfect-it™ III Extra Fine Polish with the soft 050488 Polishing Pad to remove any bloom and leave a perfect 'just painted' finish
- Use 3M™ Perfect-it™ III High Performance cloths after the compounding and polishing stages to achieve an easy, scratch free clean up. A good tip for the absolute best finish is to use different coloured wipes for each stage to avoid cross-contamination

5) Storage

It is recommended that all Coated Abrasive Products should be stored at constant levels of temperature and humidity within the ranges of 18-22°C, 50-65% RH. They should be kept away from damp (or cold) walls, windows or floors to avoid possible moisture absorption. Equally, storage adjacent to heat sources, e.g. steam pipes, radiators, hot air ducts, ovens, etc., should be avoided.

Product is best stored in original packaging until ready for use Shelf life indefinite under these conditions.

6) Safety

Whenever possible, sanding should be carried out in a well-ventilated area and it is strongly recommended that suitable goggles, dust mask and gloves are worn.



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Discs should be used only on machines with a suitable support pad designed for the purpose and maintained in good condition at all times.

The abrasive discs should extend symmetrically to no more than 2 mm beyond the outer rim of the support pad.

Damaged or misshapen abrasive discs or support pads should not be used.

Discs and pads should not be modified in any way. They should be used only in their original size and shape, as supplied.

It is recommended that discs be used only on support pads that are clearly marked with maximum permitted running speed. The speed stated should not be exceeded.

Machines should be operated with the disc making the shallowest angle possible with the work piece.

Care should be taken to ensure that discs without a centre hole are mounted centrally on the support pad.

When not in use disc sanding machine should be placed in a stand designed for the purpose or, alternatively, positioned on their backs. They must not be placed with the disc or pad face in contact with the floor or workbench.

3M™ 443SA Trizact Fine Finishing Discs is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.



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For Additional Health and Safety Information

3M South Africa & Sub-Saharan Africa, 146A Kelvin Drive, Woodmead, Sandton, South Africa, Tel: (0861) 225536
3M (East) AG Representation Office Tirane, Rruga Sami Frasheri, Pallati i Ri Perxhola Kati 2 Ap2, 1000 Albania
3M Arabia, LLC, Building 24-25 3M Saudi Arabia Zone C, Business Gate, Airport Road, Riyadh, Saudi Arabia
3M Bulgaria, Mladost 4, Business Park, bl.4, 2nd floor, Sofia 1766, Bulgaria
3M Česko, spol. s r.o., V Parku 2343/24, 148 00 - Praha 4, Czech Republic
3M (East) AG, Branch office Croatia, Avenija Većeslava Holjevca 40, 10 000 Zagreb, Croatia, Tel: +385 1 2499750, www.3m.com.hr
3M Egypt, Finance Center , New Cairo , Plot 140 , Banking Sector , 5th settlement , Cairo , Egypt
3M Hellas MEPE, Automotive Aftermarket Division, 20 Kifisias Avenue, 151 25 Marousi, Greece, Phone: +30 210 68 85 300, innovation.gr@mmm.com , www.3M.gr
3M Hungária Kft, Neumann János u. 1/E, 1117 Budapest, Hungary
3M Israel, 91 Medinat Hayehudim St., Herzliya, Israel
3M Kenya Ltd, Victoria Towers, 3rd Floor, Kilimanjaro Av, Upperhill, Kenya
3M Gulf Limited, Ein El Mreisseh, Saint Charles City Center, 4th. Floor, P.O.Box: 11-5025, Riad el Solh, Beirut 1107 2180 Lebanon
3M Minnesota Mining & Manufacturing Nigeria Limited, No 2 Sheraton Opebi Link Road, Ikeja, Lagos Nigeria
3M Pakistan, Islamic Chamber of Commerce Building, ST-2/A, Block 9, KDA Scheme 5, Clifton, Karachi, Pakistan
3M Poland, Al. Katowicka 117, Kajetany, 05-830 Nadarzyn, Poland, Telefon: +48 22 739 60 00, www.3m.pl/kontakt
3M Gulf (Representation Office), Suhaim Bin Hamad St., Al Mana Towers Tower B, 2nd Floor, Office No.4, Doha Qatar, P.O.Box 14685
3M Romania, 12 Menuetului St., Bucharest Business Park, Building D, District 1 013713 Bucharest, Romania
3M (East) AG, Representation Office Serbia, Airport City, Omladinskih brigada 90B, 11070 Belgrade, Serbia, Tel: +381 11 2209 400, www.3m.co.rs/3M/sr_RS/3m-south-east-europe/
3M Slovensko s.r.o., Polus Tower 2, Vajnorská 100/B, 83104 Bratislava
3M (East) AG, Branch office Slovenia, Cesta v Gorice 8, 1000, Ljubljana, Slovenia, Tel: +386 1 2003 630, www.3m.com/3M/sl_SI/3m-south-east-europe/
3M Sanayi ve Ticaret As, Barbaros Mah., Mor Sümbül Sok., No:7/3F, 27-51, Nidakule Ataşehir Güney, 34746 Ataşehir, İstanbul, Turkey
3M Gulf Limited, Dubai Internet City, Building No. 11, 3rd Floor, U.A.E

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