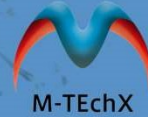




MAGIC FIBER

- Introduction of Oil Absorbent -

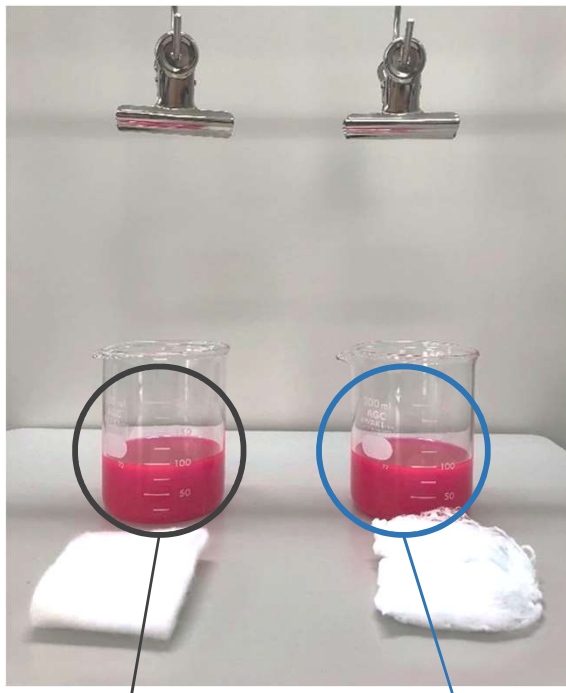


1. MAGIC FIBER : Advantages

① Overwhelming absorption power

- Absorb oil 50 times of its own weight.
- Absorb a large amount of oil. Max 1ℓ per 1 sheet (20g)
(*Results may vary depending on the state of oil and usage method /condition.)

■ Adsorption experiment



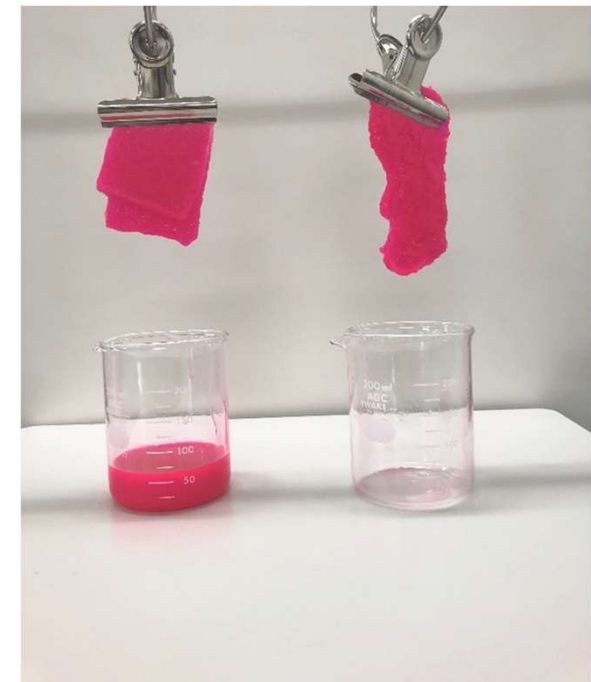
Competitor

MAGIC FIBER

*使用着色のサラダ油 / Use colored salad oil



Use the same amount of oil-
absorbing cotton, put it into the
same amount of oil and adsorb it.



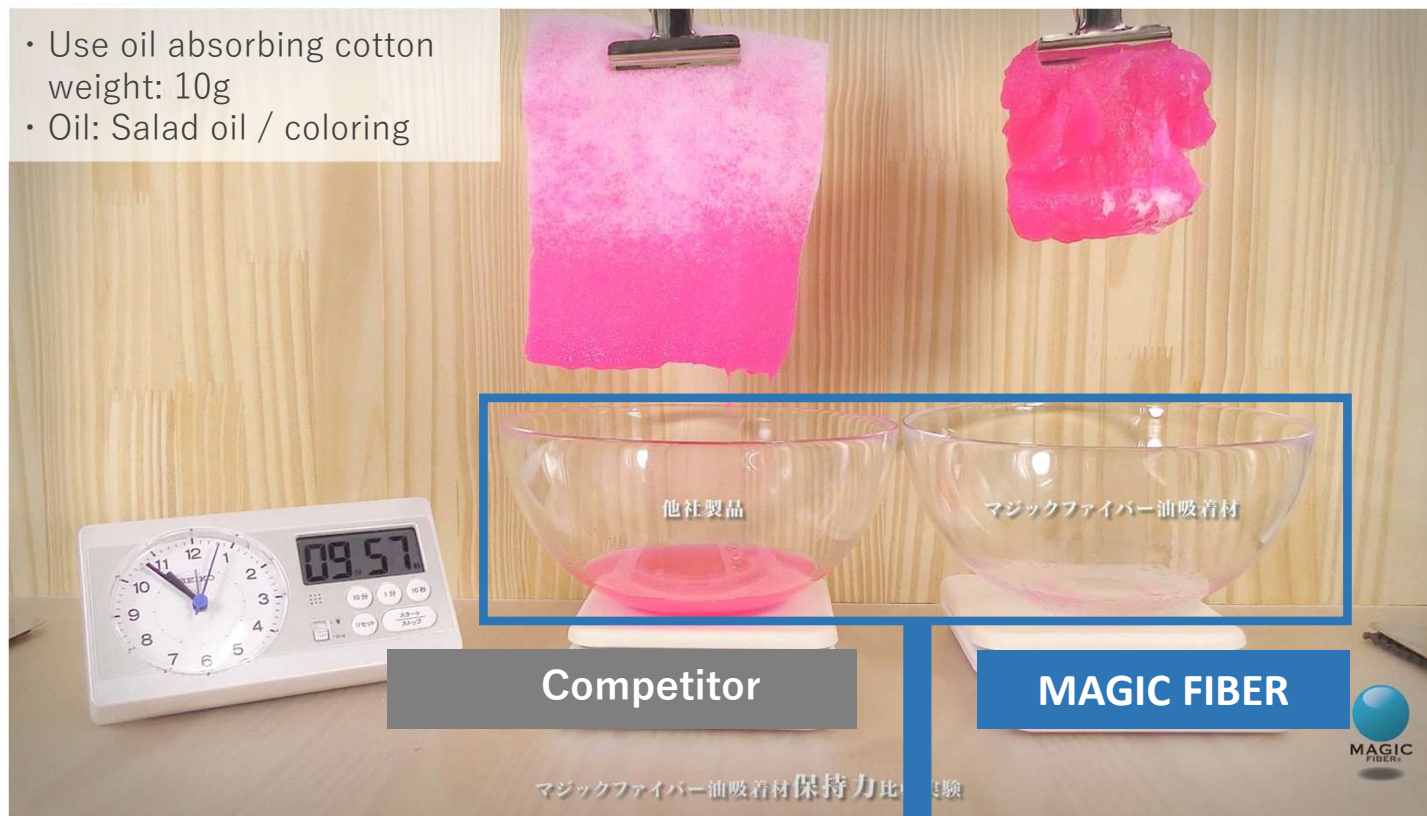
- Competitive goods can only absorb 10 to 20 times their own weight of oil
- **MAGIC FIBER is completely absorbed**

1. MAGIC FIBER : Advantages

② Strong retention power

- Keep the oil tightly without leaking.

Adsorption retention experiment – 10 minutes after adsorption

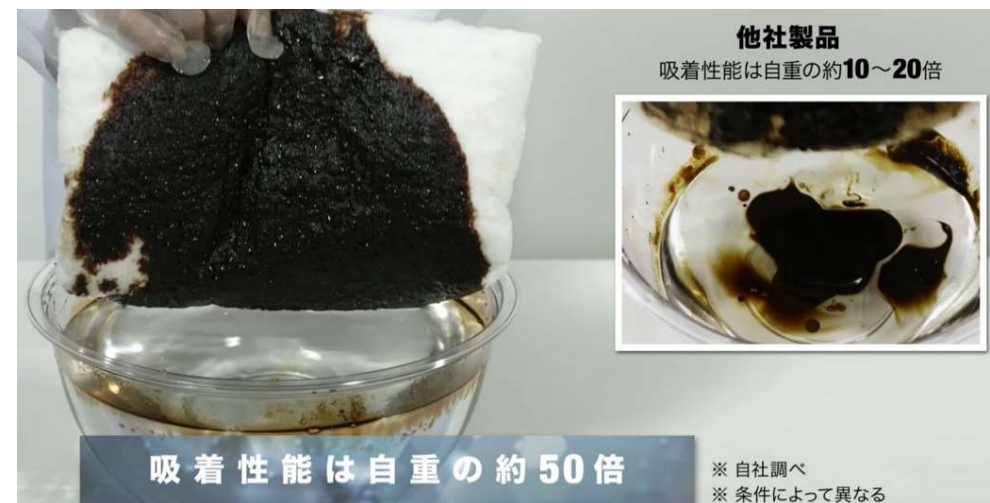


MAGIC FIBER will not drip at all after adsorption, but the competitive products cannot absorb all.

1. MAGIC FIBER : Advantages

③ Water repellency

- Absorb only oil, not water.
- MAGIC FIBER absorbs only oil, keeps strong retention power.



- Absorb oil 50 times of its own weight.

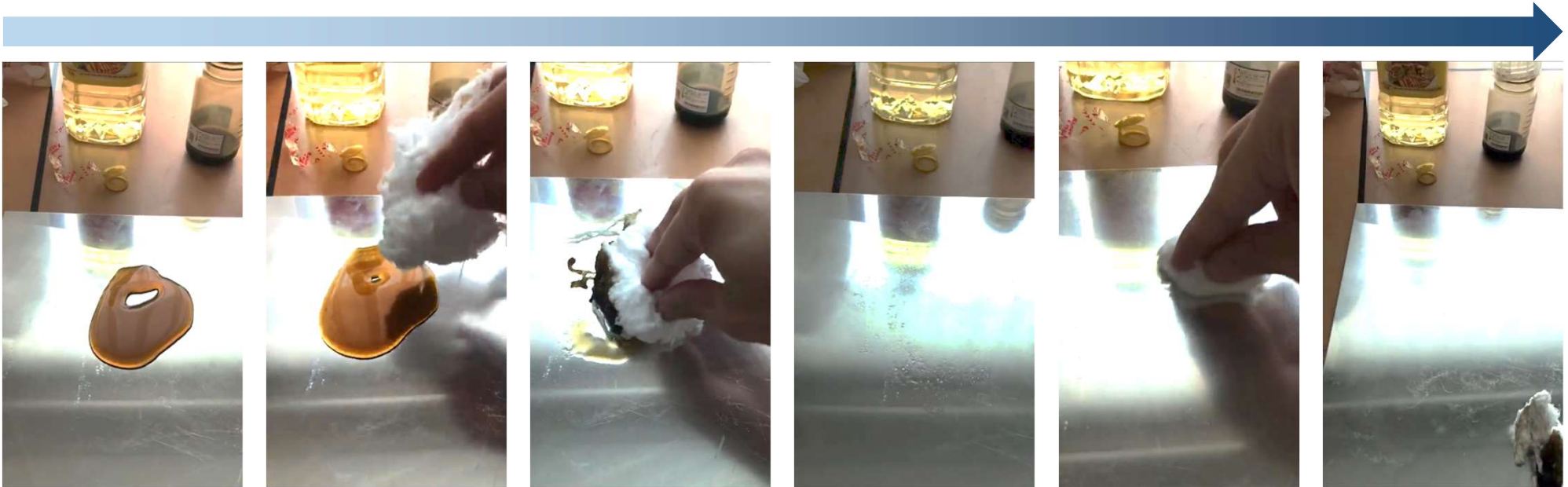
Since conventional products absorb water, not only will the amount of oil adsorption be reduced, but also sinking and recovery will be difficult.

2. MAGIC FIBER : Using Merit

① Working Time Reduction

- It clean oil dirt attached to metal or spilled oil quickly.
- You can use it by cutting as much as you need, so you can save extra work and waste.

■ Example: Treatment of leaking oil on metal plate



If you try to clean a metalworking machine with a conventional item such as dust cloths, it will just spread the oil.

MAGIC FIBER(Oil Absorbent) doesn't spread oil, but absorbs oil quickly.

2. MAGIC FIBER : Using Merit

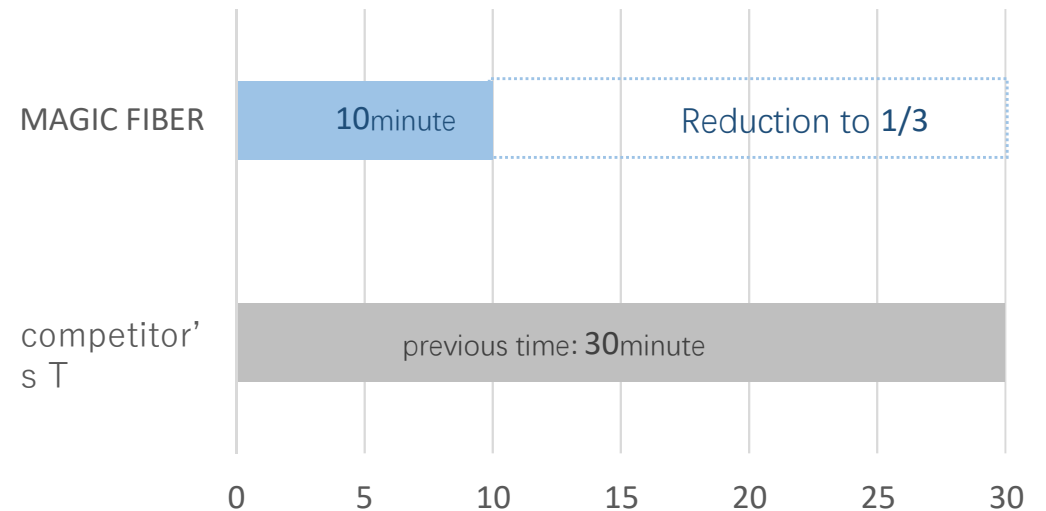
② Cost Performance

- Excellent adsorption performance and retention, and the usage amount is also controlled.
- Will improve work efficiency and reduce time cost.

■ When adsorbing the same amount of oil, required fiber amount.



■ Working Time Reduction



- When MAGICFIBER absorbs 50 times of its own weight and the other company's product is 20 times.
- It can also dramatically shorten the cleaning time of oil adhering to metal machines!

3. MAGIC FIBER : Characteristics

① Technological patent: P6047786

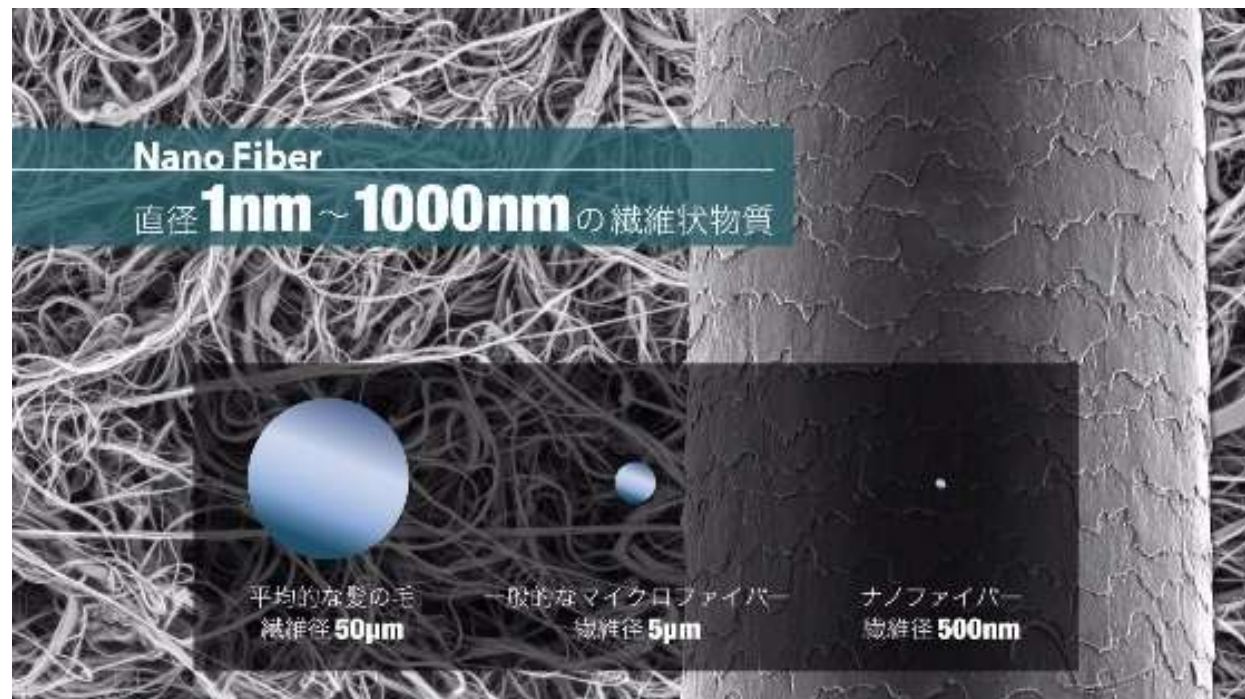
- Ultra fine fiber by state-of-the-art nano technology.

② Safety Materials:

- Passed the most strict standard of OEKO-TEX about 'formaldehyde', 'arsenic', 'chromium' which are harmful to humans. (Researched by Nissenken Quality Evaluation Center)
- MAGIC FIBER does not contain substances such as formaldehyde, arsenic, mercury and chromium which are harmful to the human body.

③ Incombustible:

- Passed flammability test "FMVSS No.302" (examined by Kaken Test Center)



■ The secret of the superiority is "Nanofiber Diameter" & "Special Structure" adsorbs the most of oi

3. MAGIC FIBER: Characteristics

Water purification performance

According to the results of water quality inspection, reduce the number of substances in water.

That is to say, MAGIC FIBER also has water quality improvement function.

Restaurant Grease Trap: Water quality inspection result after cleaning with competitive products and MAGIC FIBER

計量証明書

管理 No. C1831840-001 1/1 -1
検査開始日 平成 30年 3月 9日
発行年月日 平成 30年 3月 20日



水道法第20条登録水質検査機関第240号
水道法第34条登録簡易専用水道検査機関第150号
建築物飲料水水質検査業東京都56水第23号
計量証明登録事業所登録第557号(濃度)

株式会社 日本分析
東京都板橋区小豆沢二丁目26番14号
TEL 03-5914-4431 FAX 03-5914-4432
URL <http://www.n-bunseki.co.jp>
環境計量士 第3537号 池田 達也

依頼者			
採取日	平成 30年 3月 6日	時刻	15:30
天候	—	温度	気温 — 水温 —
採取者			
試料名	放流水	受付方法	郵送
採取場所	①		

貴殿よりご依頼されました試料の計量結果を下記により証明致します。

計量の対象	単位	計量の結果	計量の方法
生物化学的酸素要求量(BOD)	mg/L	2300	JIS K 0102 21, 32.3
化学的酸素要求量(COD Mn)	mg/L	700	JIS K 0102 17.
浮遊物質量(SS)	mg/L	2700	S46環告第59号付表9
溶存酸素	mg/L	0.5 未満	JIS K 0102 32.1
		以下余白	

Competitor's

計量証明書

管理 No. C1831858-001 1/1 -1
検査開始日 平成 30年 3月 9日
発行年月日 平成 30年 3月 20日



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環境計量士 第3537号 池田 達也

依頼者			
採取日	平成 30年 3月 6日	時刻	15:45
天候	—	温度	気温 — 水温 —
採取者			
試料名	放流水	受付方法	郵送
採取場所	②		

貴殿よりご依頼されました試料の計量結果を下記により証明致します。

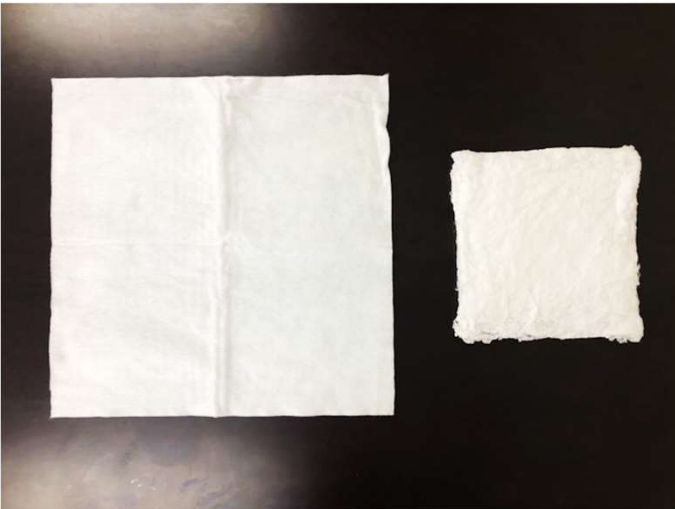
計量の対象	単位	計量の結果	計量の方法
生物化学的酸素要求量(BOD)	mg/L	950	JIS K 0102 21, 32.3
化学的酸素要求量(COD Mn)	mg/L	310	JIS K 0102 17.
浮遊物質量(SS)	mg/L	990	S46環告第59号付表9
溶存酸素	mg/L	0.5 未満	JIS K 0102 32.1
		以下余白	

MAGIC FIBER

3. MAGIC FIBER : Characteristics

Lightweight with features

MAGIC FIBER is superior to competitive products, and it is light and successful weight reduction.



	Competitor	MAGIC FIBER
Size	500mm × 500mm	300mm × 300mm
Weight	100g	20g
Adsorption amount	1L	1L

MAGIC FIBER maintains the original oil absorption and retention, and has achieved a large size reduction and a weight reduction of 1/5 in weight.

3. MAGIC FIBER : Characteristics

Product type / specifications

Sheet type / 30 sheets	details
Size	W340mm × D340mm × H250mm
Weight	600g
Adsorption amount	30L
Sheet type / 50 sheets	details
Size	W340mm × D340mm × H350mm
Weight	1,000g (1kg)
Adsorption amount	50L
Bulk type / 1.2kg	details
Size	W500mm × D320mm × H330mm
Weight	1,200g (1.2kg)
Adsorption amount	60L

