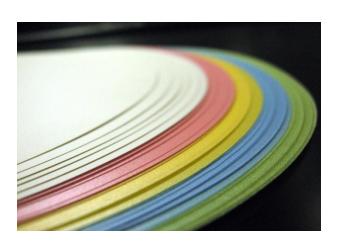


# Beijing Grish Hitech Co., Ltd.

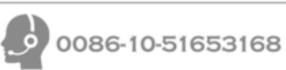








To provide you with: polishing consumables, polishing equipment and polishing process overall solutions



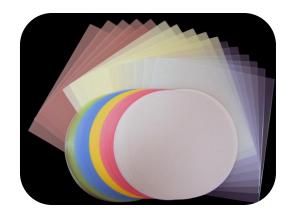




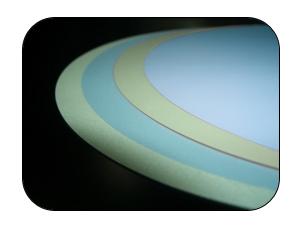




# **Grish Fiber Polishing Products**



Diamond Lapping Films



SiC Lapping Films



PUMD/PUMZ



AO/CO Slurry



Final Polishing Films



Fiber polisher



**CMP Slurry** 



Polishing Oil



















# **Session Introduction**

- 1. MTP/MPO Connectors polishing Solutions.
- 2. Final Polishing Films
- 3. Flat/PC/UPC/APC types connectors Polishing solutions
- 4. Special announcement
- 5. How to reach to us







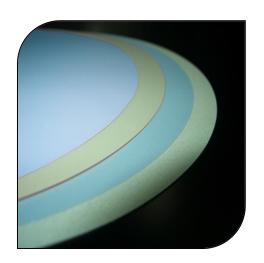






# MTP/MPO Lapping & polishing **Solutions**

#### **Grish offered Products:**



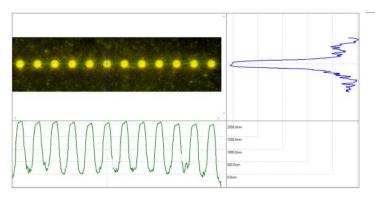


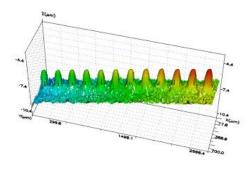




#### **Technical Data and fiber measurement:**

























# **Polishing Process**

Steps		Product	Time/S	Pressure /Pound	Rpm/min	Pad	Agent	Life
Step-1	Epoxy removal	Diamond 30um	50S	2	110	Glass Pad	DI Water	≤2 Plate
Step-2	Rough Polishing	Silicon carbide 16um	100S	2	110	Glass Pad	DI Water	≤2 Plate
Step-3	Fine Polishing	Silicon carbide 3um	130S	2	130	Glass Pad	DI Water	≤2 Plate
Step-4	Final	PUMD	1405	4	160	Glass Pad	Aluminum oxide Slurry	≥40 Plate
Step-5	Polishing	PUMZ	40S	4	160	Glass Pad	Cerium oxide Slurry	≥40 Plate















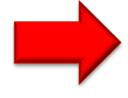




## **Step1**- Epoxy Removal

Steps	Product	Time/S	Pressure /Pound	Rpm/min	Pad	Agent	Life
Epoxy removal	Diamond 30um	50S	2	110	Glass Pad	DI Water	≤2 Plate





















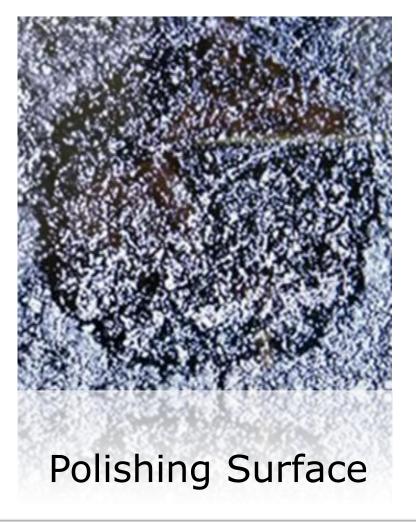


# **Step2**- Rough Polishing

Steps	Product	Time/S	Pressure /Pound	Rpm/min	Pad	Agent	Life
Rough Polishing	Silicon carbide 16um	100S	2	110	Glass Pad	DI Water	≤2 Plate















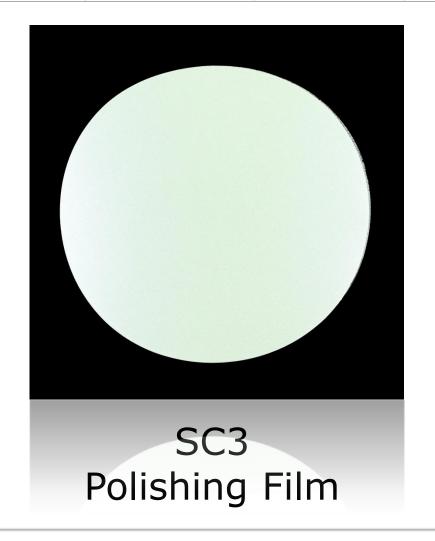




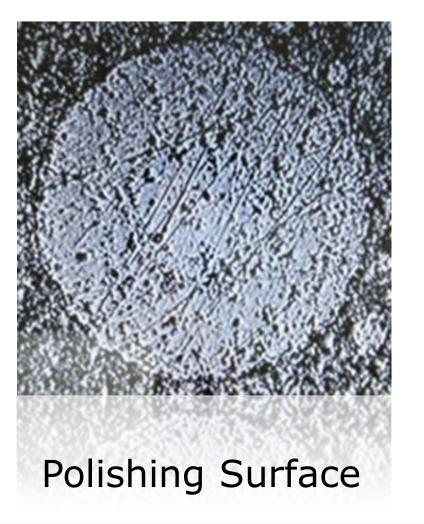


# **Step3**- Fine Polishing

Steps	Product	Time/S	Pressure /Pound	Rpm/min	Pad	Agent	Life
Fine Polishing	Silicon carbide 3um	130S	2	130	Glass Pad	DI Water	≤2 Plate

























# Step4&5- Final Polishing

Steps	Product	Time/S	Pressure/ Pound	Rpm/ min	Pad	Agent	Life
Final	PUMD	140S	4	160	Glass Pad	Aluminum oxide Slurry	≥40 Plate
Polishing	PUMZ	40S	4	160	Glass Pad	Cerium oxide Slurry	≥40 Plate

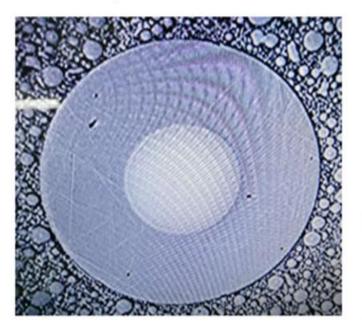


**PUMD PUMZ** 





AO/CO Slurry





Polishing Surface











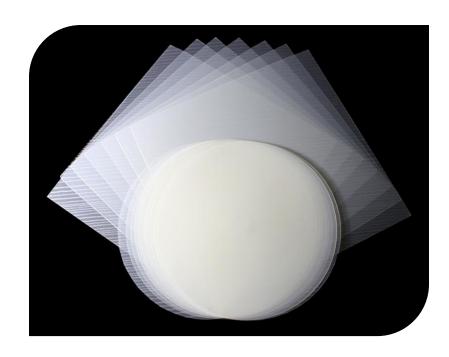








## **Grish Final Polishing**



#### **Application:**

The last polishing for a wide range of fiber optic connectors and related products.

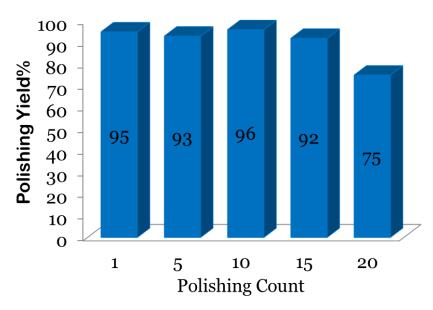
#### **Appearance:**

There is a certain degree of light transmission of light white.

#### **Effect:**

Polished delicate end face of Fiber, the height of 3D fiber is controllable from 50 to -100nm, The service life is long, and the batch stability is good.

#### **Polishing Rate Chart**



#### **Technical Features and highlights**

- 1. SO-06H end face easy to clean, high yield, suitable for small and medium pressure grinding.
- 2.SO-01L has good scratch resistance and is suitable for high pressure grinding.
- 3. Tested with more than 80% polishing yield.

#### Polishing surface appearance











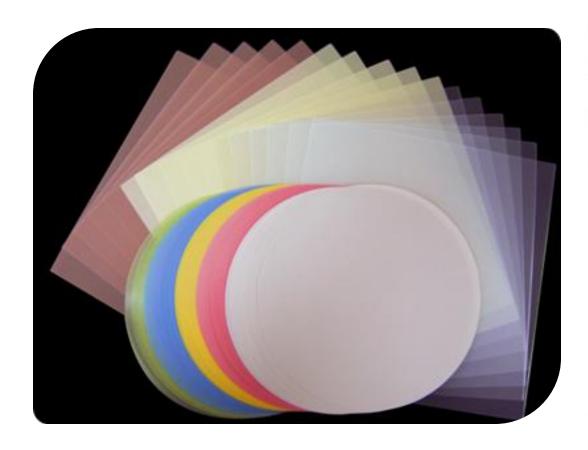


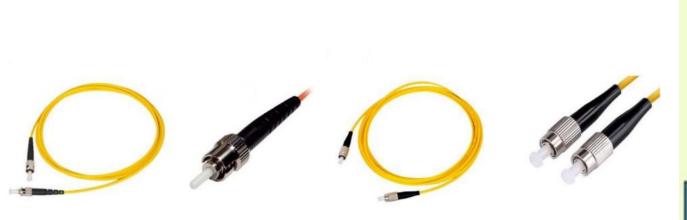


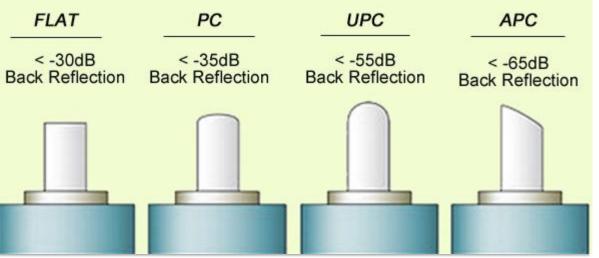
# Flat/PC/UPC/APC **Lapping & polishing Solutions**

Grish Provide a cost efficient easy to adoptable polishing solution for Flat/PC/UPC/APC connectors

























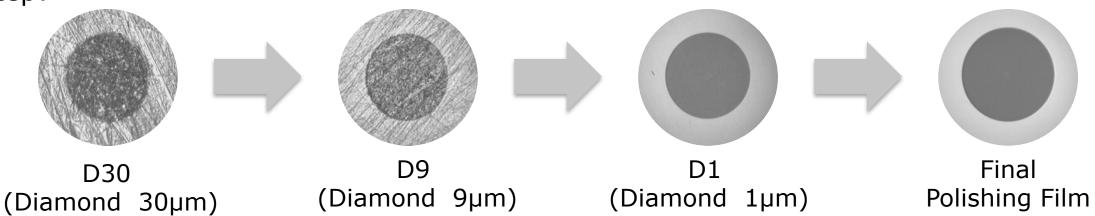


## **Polishing Process**

No.	Step	Polishing Film	Slurry	Pad	Time	Life
1	Resin Removal	SC/D30	DI Water	80D	30-35s	≥50
2	Rough Polishing	D9	DI Water	80D	30-35s	≥50
3	Fine Polishing	D1	DI Water	80D	35-40s	≥50
4	Final Polishing	SiO <sub>2</sub>	DI Water	70D	20-30s	≥10

#### Note:

Classical Fiber Optic Connector recommended Polishing process: D30-D9-D1- Final polishing, Below is good end-face pictures in 400 times magnification for each polishing Step:













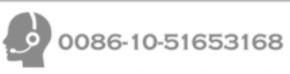








# **Beijing Grish Hitech Co., Ltd.**Looking for distributors across the globe.











- Do you want samples to test first?
- How to apply for free samples?
- How to access for more detail of our products?
- How to contact us?
- How to know our local distributors at your country?
- And how to be our distributor?













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Facebook: @bjgrishhitech

LinkedIn: @bjgrish

Youtube: @bjgrish

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