

# 鐵氟龍 PTFE

PTFE：又稱聚四氟乙烯，其用途在航空航太、石油化工、機械設備、電子半導體製程、建築、輕紡等工業部門。PTFE的特性是其他塑膠無法比擬的，因而有"塑膠王"之美稱。

本公司代理進口PTFE產品，提供現貨供應，因而突破了長期歐、美、日大廠壟斷市場，和價格居高不下、運輸時間太長、現貨供應不穩，以及造成庫存成本增加等問題，讓國內業者能有更經濟、更快速、更多元的選擇性，提高業者市場的競爭力。

## 物理特性 / PTFE各種優異特性

- 寬廣的溫度使用範圍：  
-200°C~ +250°C
- 抗各種腐蝕的化學藥劑
- 抗髒汙性
- 極低的磨擦係數
- 不可燃
- 優良的電氣特性  
(不隨頻率及溫度變化而改變)
- 極佳的機械特性，耐震富彈性
- 沒有老化問題
- 抗水氣及紫外線
- 無毒性





| PTFE棒         | 參考重量     | 車削膜                | 參考重量     | PTFE管                 |
|---------------|----------|--------------------|----------|-----------------------|
| 5m/m(直徑)*1M   | 0.045 kg | 0.1m/m(厚)*1.2M*20M | 6.2 kg   | 50m/m*30m/m*0.2M      |
| 6m/m(直徑)*1M   | 0.062 kg | 0.15m/m*1.2M*20M   | 9.4 kg   | 60m/m*30m/m*0.2M      |
| 7m/m(直徑)*1M   | 0.088 kg | 0.2m/m*1.2M*20M    | 11.1 kg  | 90m/m*70 m/m*0.155M   |
| 8m/m(直徑)*1M   | 0.12 kg  | 0.25m/m*1.2M*10M   | 7.0 kg   | 130m/m*100 m/m*0.155M |
| 10m/m(直徑)*1M  | 0.18 kg  | 0.25m/m*1.2M*20M   | 13.6 kg  | 140m/m*100 m/m*0.25M  |
| 12m/m(直徑)*1M  | 0.25 kg  | 0.3m/m*1.2M*10M    | 8.8 kg   | 130m/m*80 m/m*0.25M   |
| 13m/m(直徑)*1M  | 0.29 kg  | 0.4m/m*1.2M*10M    | 11.5 kg  |                       |
| 14m/m(直徑)*1M  | 0.35 kg  | 0.5m/m*1.2M*10M    | 14 kg    | PTFE細管                |
| 15m/m(直徑)*1M  | 0.41 kg  | 0.5m/m*1.2M*20M    | 28 kg    | 2m/m*1m/m*100M        |
| 18m/m(直徑)*1M  | 0.57 kg  | 0.8m/m*1.2M*10M    | 23.5 kg  | 3m/m*2m/m*100M        |
| 20m/m(直徑)*1M  | 0.70 kg  | 1.0m/m*1.2M*10M    | 28 kg    | 4m/m*2m/m*100M        |
| 22m/m(直徑)*1M  | 0.86 kg  | 1.0m/m*1.2M*20M    | 55 kg    | 5m/m*3m/m*100M        |
| 25m/m(直徑)*1M  | 1.10kg   | 1.5m/m*1.2M*10M    | 41 kg    | 6m/m*4m/m*100M        |
| 28m/m(直徑)*1M  | 1.38 kg  | 2.0m/m*1.2M*10M    | 57 kg    | 8m/m*6m/m*100M        |
| 30m/m(直徑)*1M  | 1.58 kg  | 2.5m/m*1.2M*10M    | 71 kg    | 10m/m*8m/m*100M       |
| 32m/m(直徑)*1M  | 1.83 kg  | 3.0m/m*1.2M*10M    | 83 kg    | 12m/m*10m/m*100M      |
| 35m/m(直徑)*1M  | 2.20 kg  | 3.0m/m*1.5M*10M    | 102 kg   |                       |
| 38m/m(直徑)*1M  | 2.56 kg  | 4.0m/m*1.2M*10M    | 112 kg   |                       |
| 40m/m(直徑)*1M  | 2.89 kg  |                    |          |                       |
| 45m/m(直徑)*1M  | 3.54 kg  | 模壓板                | 參考重量     | 膨脹板                   |
| 50m/m(直徑)*1M  | 4.34 kg  | 2.0m/m*1.2M*1.2M   | 6.7 kg   | 1m/m*1.5M*1.5M        |
| 55m/m(直徑)*1M  | 5.30 kg  | 3.0m/m*1.2M*1.2M   | 10.2 kg  | 2m/m*1.5M*1.5M        |
| 60m/m(直徑)*1M  | 6.35 kg  | 4.0m/m*1.2M*1.2M   | 13.4 kg  | 3m/m*1.5M*1.5M        |
| 65m/m(直徑)*1M  | 7.30 kg  | 5.0m/m*1.2M*1.2M   | 16.6kg   | 4m/m*1.5M*1.5M        |
| 70m/m(直徑)*1M  | 8.80 kg  | 6.0m/m*1.2M*1.2M   | 20.5 kg  | 5m/m*1.5M*1.5M        |
| 75m/m(直徑)*1M  | 10.20 kg | 7.5m/m*1.2M*1.2M   | 26.2 kg  |                       |
| 80m/m(直徑)*1M  | 11.80 kg | 8.0m/m*1.2M*1.2M   | 27.6 kg  |                       |
| 85m/m(直徑)*1M  | 12.95 kg | 10m/m*1.2M*1.2M    | 33.8 kg  | 密封帶                   |
| 90m/m(直徑)*1M  | 14.46 kg | 10m/m*1.0M*2.0M    | 47.5 kg  | 3m/m(厚)*25m/m寬*10M    |
| 95m/m(直徑)*1M  | 15.92 kg | 12m/m*1.2M*1.2M    | 40.5 kg  | 3m/m(厚)*50m/m寬*10M    |
| 100m/m(直徑)*1M | 18.04 kg | 15m/m*1.2M*1.2M    | 50.5 kg  | 5m/m(厚)*35m/m寬*10M    |
| 110m/m(直徑)*1M | 22.40 kg | 20m/m*1.2M*1.2M    | 66.7 kg  |                       |
| 120m/m(直徑)*1M | 25.49 kg | 25m/m*1.2M*1.2M    | 83.8 kg  |                       |
| 130m/m(直徑)*1M | 29.75 kg | 30m/m*1.2M*1.2M    | 98.4 kg  | PFA焊條                 |
| 140m/m(直徑)*1M | 34.60 kg | 35m/m*1.2M*1.2M    | 115.5 kg | 3.0m/m*100M           |
| 150m/m(直徑)*1M | 40.60 kg | 40m/m*1.2M*1.2M    | 133.5 kg | 3.5m/m*100M           |
| 160m/m(直徑)*1M | 44.90 kg | 45m/m*1.2M*1.2M    | 152.0 kg | 4.0m/m*100M           |
| 170m/m(直徑)*1M | 51.75 kg | 50m/m*1.2M*1.2M    | 166 .2kg | 5.0m/m*100M           |
| 180m/m(直徑)*1M | 57.50 kg | 55m/m*1.2M*1.2M    | 183 .8kg |                       |
| 190m/m(直徑)*1M | 65 .30kg | 60m/m*1.2M*1.2M    | 203 kg   | 造料粒                   |
| 200m/m(直徑)*1M | 72.60 kg | 65m/m*1.2M*1.2M    | 217.2 kg | NF11(FREE FLOW)       |
| 230m/m(直徑)*1M | 94.80 kg | 70m/m*1.2M*1.2M    | 233.9 kg |                       |

