

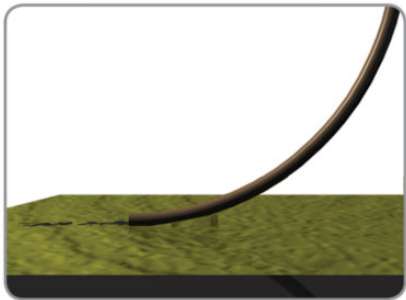
ENGINEERED MULTI-FILAMENTS:
FOR INCREASED BRUSH LIFE & CLEANING AND GRINDING CAPACITY

APT-MULTI-FILAMENTS OFFER SUPERIOR CLEANING CAPACITY
COMPARED TO SINGLE MONOFILAMENTS FOR ROLLER BRUSH APPLICATIONS

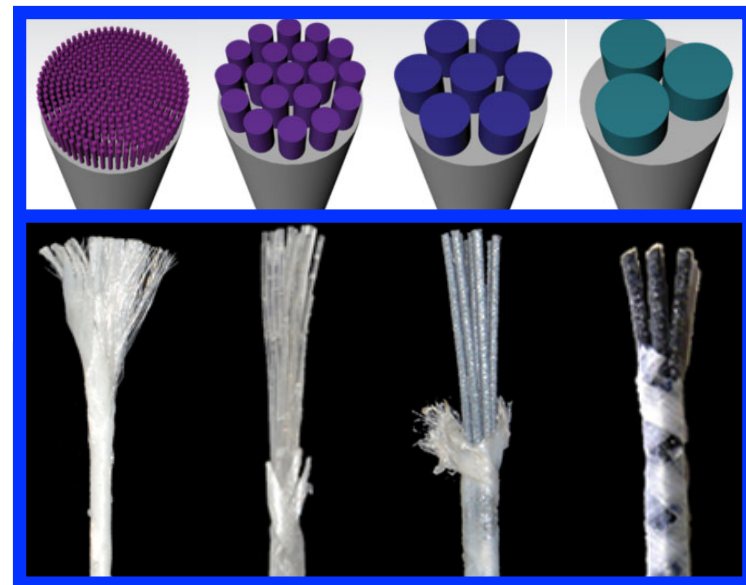
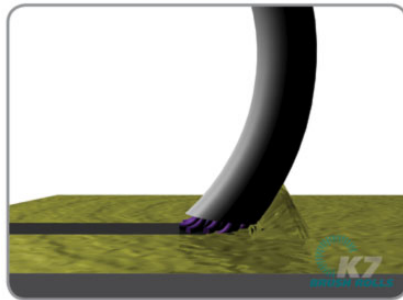
This configuration improves brushing efficiency through ensuring maximum filament contact on the surface and driving the brushing force to the tip of filament

Each multifilament comprises of multiple filaments wrapped and glued together with special resin

CONVENTIONAL BRISTLE



MULTIFIL BRISTLE



APT-Multi-Filaments are Used in High-end
Technical Brush Applications such as:

- FLAT METAL STRIP & COIL MILLS & PRODUCERS
- SERVICE CENTERS & 2NDARY PROCESSING
- AUTOMOTIVE BLANK WASHERS
- AEROSPACE INDUSTRY
- TFT / LCD INDUSTRY

APT-MULTI-FILAMENT BRUSHES

KEY FEATURES:

- OPTIMUM PERFORMANCE
CLEANING & GRINDING
- OPTIMUM MECHANICAL &
CHEMICAL RESISTANCE

APT-MULTI-FILAMENT BRUSHES

PRODUCT RANGE:

APT-MultiPure:

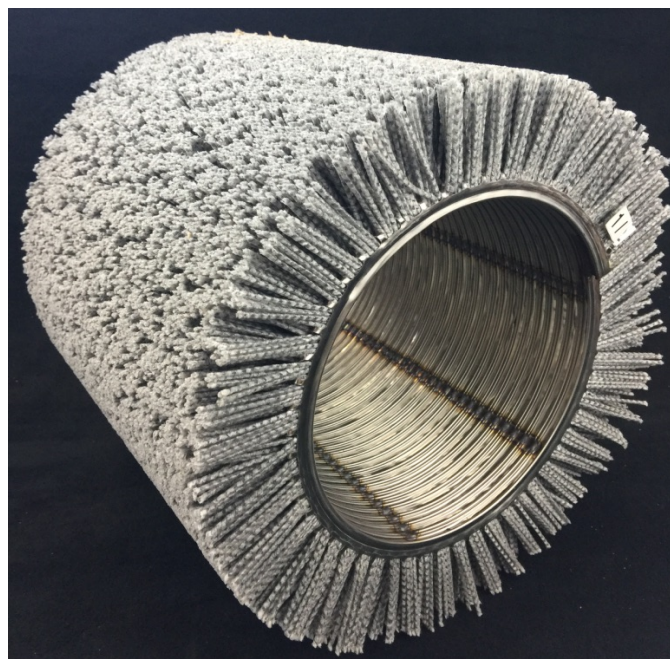
- Ultra Fine for Sensitive Surfaces

APT-MultiBil:

- Non-Abrasive Cleaning & Alkali Solutions

APT-MultiBrasif:

- Abrasive Filaments for Polishing and Grinding





APT-MultiPure: (NON-ABRASIVE)

Constructed of hundreds of ultra fine 0.02mm filaments, APT-MultiPure wipes the surface and is the **material of choice for oil removal**. It is used for soft materials and leaves a scratch-free surface finish.

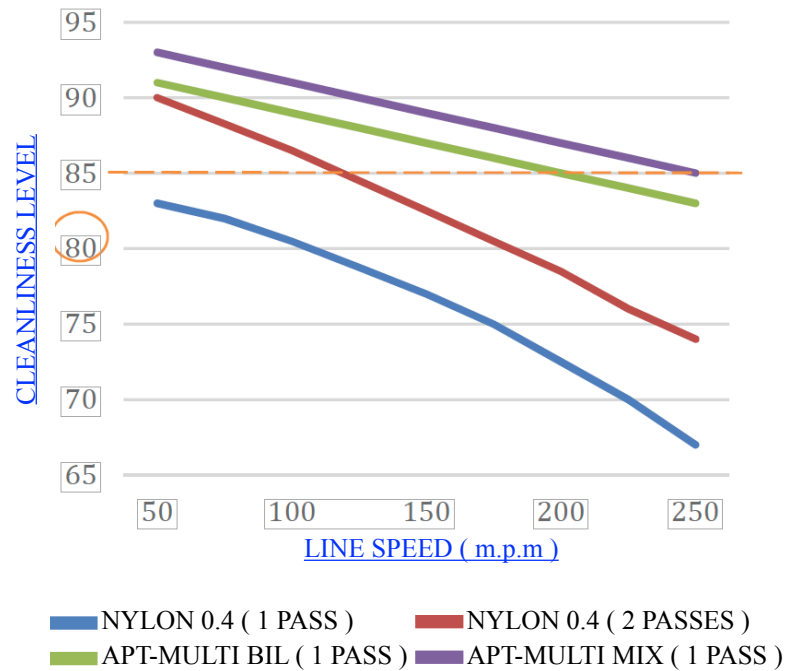
APT-MultiBil: (NON-ABRASIVE)

Constructed of dozens of polyamide filaments and is used for **improved cleaning performance on flat surfaces**. APT-MultiBil contains our renowned Bilon filaments to offer **extended brush life in applications using hot alkali solutions**.

APT-MultiMix-BP: (NON-ABRASIVE)

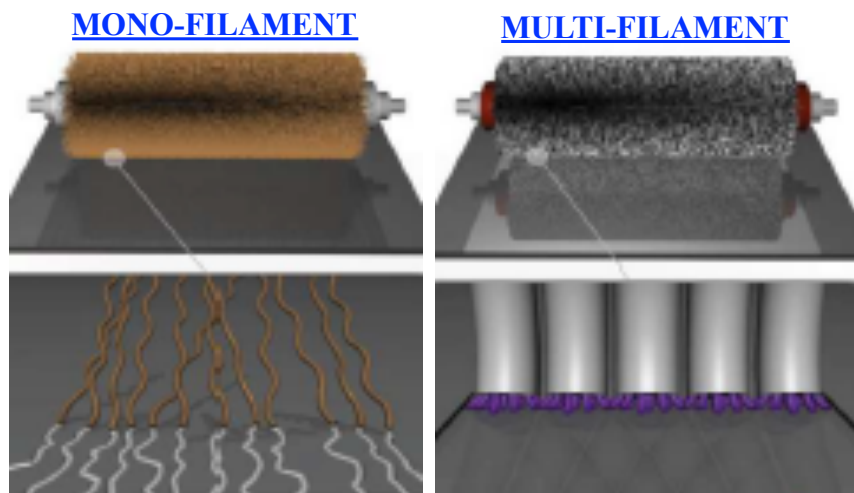
APT-MultiMix is a mixture of 50% MultiBil and 50% MultiPure filament. This combination gives the best results where the application calls for **high performance needed to clean off mixtures of heavy oil and residue**.

CLEANING PERFORMANCE



APT-MultiBrasif: (ABRASIVE)

Our range of abrasive Multi-Filaments is used to **improve the polishing or grinding capacity of roller brushes compared to abrasive Mono-Filament roller brushes**.



APT-MULTIFIL NON-ABRASIVE	INSIDE FILAMENT	DIAMETER
APT-MultiPure S02	Ø 0.02 mm	ca. 1.30 mm
APT-MultiNyl H19	Ø 0.02 mm	ca. 1.30 mm
APT-MultiBil B19	Ø 0.02 mm	ca. 1.30 mm
APT-MultiMix S02H19	Ø 0.02 mm	ca. 1.30 mm
APT-MultiMix-Bil	Ø 0.02 mm	ca. 1.30 mm

APT-MULTI BRASIF ABRASIVE	GRIT	DIAMETER
2.5H1000 AX7	1000 AO	ca. 0.95 mm
3.5H1000 AX7	1000 AO	ca. 1.15 mm
3.5H500 SX7	500 SiC	ca. 1.20 mm
7.5H240 SX3	240 SiC	ca. 1.80 mm
8.5H120 SX3	120 SiC	ca. 2.0 mm
12H080 SX3	80 SiC	ca. 2.60 mm