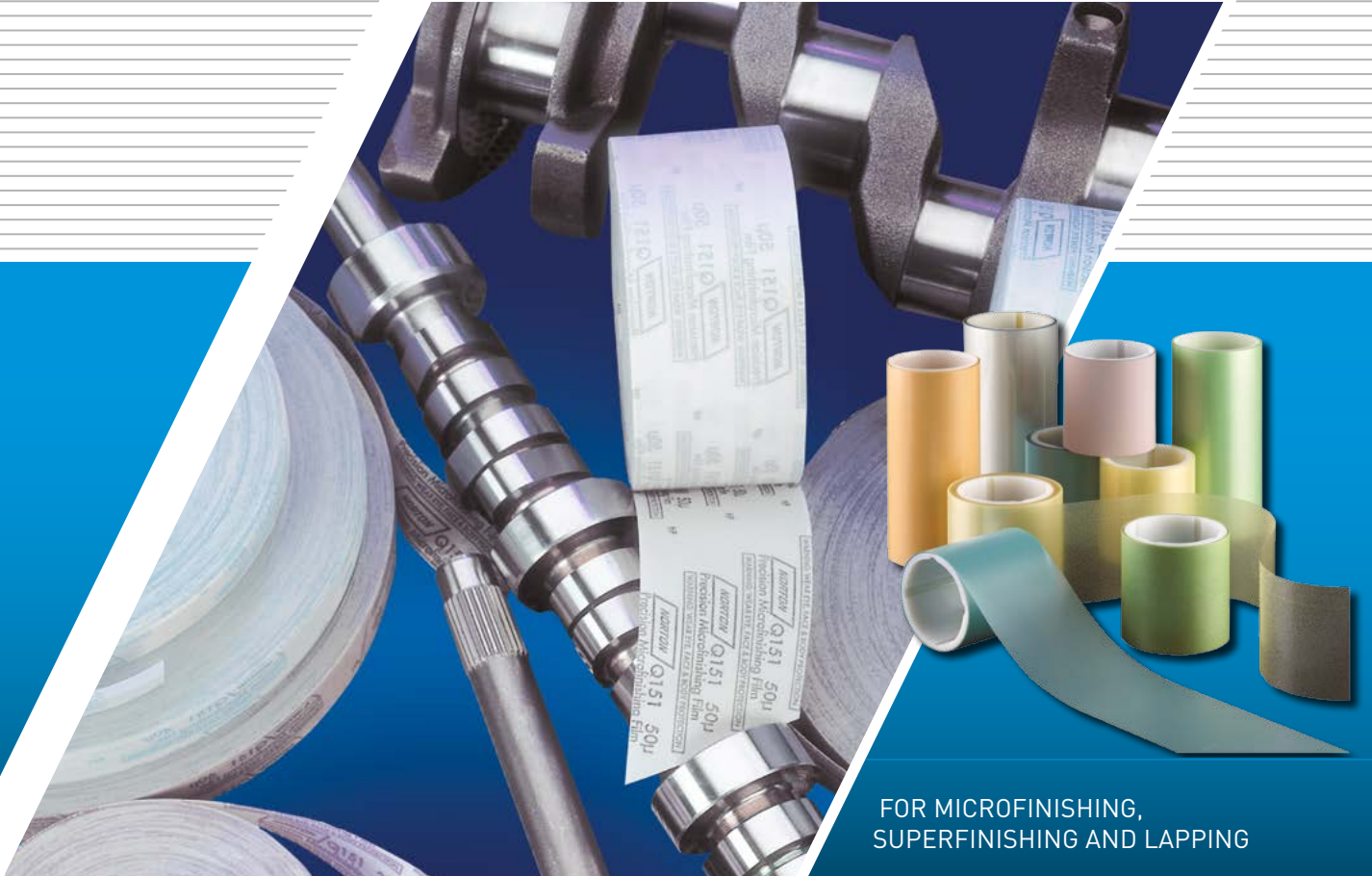


# HIGH PERFORMANCE FILM ROLLS



FOR MICROFINISHING,  
SUPERFINISHING AND LAPPING

**NORTON**

SAINT-GOBAIN®

TM

# HIGH PERFORMANCE FILM ROLLS

## FOR MICROFINISHING, SUPERFINISHING AND LAPPING

Our new range of Norton Film Rolls are designed to provide the highest performance needed for fine finishing operations. Expert technical support is available, customized to your application.



### FEATURES

- Engineered to meet the most stringent finishing requirements
- Predictable cost-effective process
- Fine, scratch-free finishes
- For finishing or reconditioning of steel, chrome, non-ferrous metals like copper, rubber and hard coated surfaces found in precision applications and various manufacturing processes such as roll finishing

### BENEFITS

- Polyester Film backing in 3 mil and 5 mil
  - Extremely tough and tear resistant
  - Uniform smooth - void of any thickness variation
  - Chemically resistant to almost all types of coolants
- Micron Graded Abrasives: Aluminium Oxide, Diamond and Silicon Carbide
  - Extensive high-purity
  - Specific range of grain sizes offers most consistent finishes without deep scratches
- Resins
  - Completely environmentally friendly
  - Uniform coating

### APPLICATIONS

- Powertrain
  - Engine (e.g. automotive) with crankshaft, camshaft, landing gears, steering etc.
  - Transmission (e.g. aerospace) with gears, input/output shafts etc.
  - Valves.
- Bearing.
- Roll finishing of steel and rubber rolls.
- Solid and hard surfaces through coatings, thermally sprayed rolls (HVOF), chrome-coated rolls etc.

### AVAILABILITY

Type	Width	Length	Core	Abrasive	Printing
L-films	6.4 to 203.2mm	13.7 to 182.9m	various core types	in or out	none
Q-films	10 to 425mm	10 to 275m	various core types	in or out	Norton printed

For additional requirements please contact us

### NON-STOCK AVAILABILITY OF HIGH-PERFORMANCE FILM ROLLS

Cap Code	Application	Abrasive	Backing Thickness	Back-Coat	Grit Range
Q351S	Microfinishing	Aluminium Oxide	125 micron [5 mil]	no	9, 15, 20, 30, 40, 50, 60, 80
Q351R				yes	
Q132				no	
L12F3	Lapping	Aluminium Oxide	75 micron [3 mil]	no	1, 3, 5, 9, 12, 15, 20, 30, 40
L41F3		Silicon Carbide			1, 3, 5, 8, 15, 20, 30
L61F3		Diamond			1, 3, 6, 9, 15, 30
L67F3	Superfinishing XSP	Diamond	75 micron [3 mil]	no	9, 15, 30, 45, 60, 76, 100
M631	Nanozyte	Diamond	75 micron [3 mil]	no	1, 3, 9

### TOP TIPS

Use aluminium oxide for stainless steel and non-ferrous metals

Use diamond for hard and non-ferrous metals and surface coatings

Use silicon carbide for hard rubber (Can also be used on non-ferrous metals).

If your process requires non-slip products use our film products with backcoat.

If you require higher flexibility use scalloped edge rolls in the Q-film range.

[www.norton.eu](http://www.norton.eu)

Saint-Gobain Abrasifs  
European Headquarters  
Rue de l'Ambassadeur - B.P.8  
F78702 Conflans Cedex  
France

Tel: +33 (0) 134 90 40 00  
Fax: +33 (0) 134 90 43 87

Norton is a registered trademark of Saint-Gobain Abrasives.  
Form # 2597