



Automotive

Technical Data Sheet

3M Scotch Brite® High Performance Wipe (HPW) 2011 Roll

Description:

The High Performance Wipe 2011 has an open weave cloth with a channel-like structure. The patented combination of polyester and nylon fibers removes impurities even on sensitive surfaces like varnish or glass quickly and effectively. The dirt enters the fiber structure, and is also kept away from the surface, micro-scratches are avoided.

Used before adhesion, the automatic cleaning with high-performance wipe 2011 is ideally suited to remove residue and impurities to guarantee a full surface wet-out.

This allows the cleaning step to integrate directly into the application process, creating a safer and more efficient overall process.

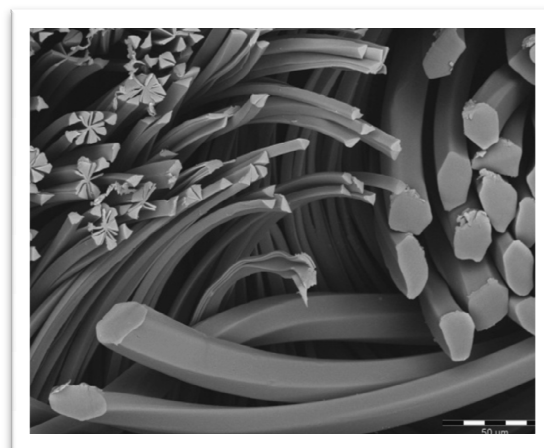
Product Construction:

High Performance Wipe 2011 combines water and oil attracting microfibers.

The channel-like structure associated with the open mesh structure means that even the smallest particles of dirt are picked up by a blade-like fiber as completely and directly to the interior of the cloth.



Picture 1:
3M™ High Performance Wipe 2011 in 18mm width



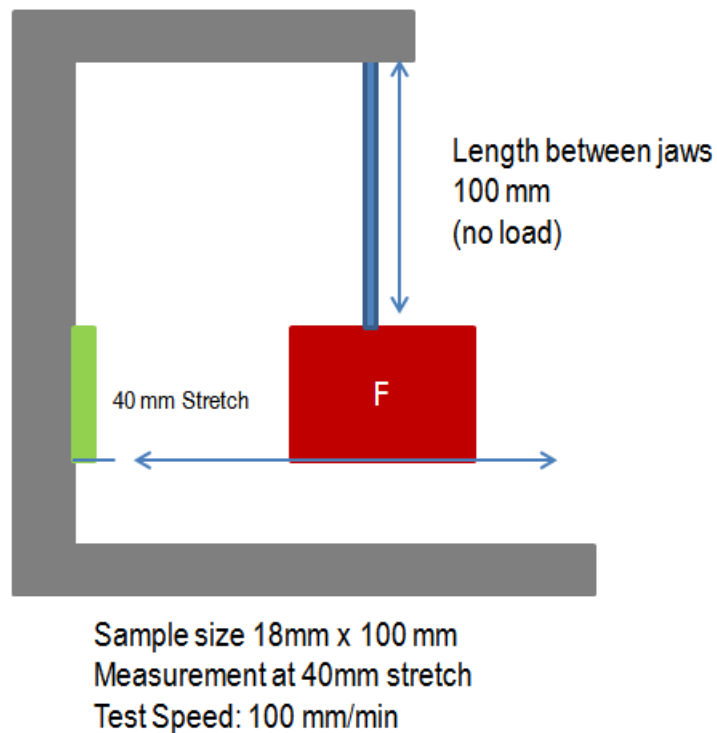
Picture 2.: Scanning electron microscope (SEM)



Product Characteristics				
Microfiber Wipe	85% Polyester 15% Polyamide, White			
Roll Length/ Roll Diameter	Roll	Min.	Max.	Diameter
	50m	50m	55m	Max. 380 mm (Carton diameter 385 mm)
	100m	100m	110m	Max. 405 mm (Carton diameter 410 mm)
Core Diameter	3" (≈ 76mm)			
Material Width	18 mm, 25 mm, 92 mm (+/- 2 mm)			
Stretching	Stretch 40 mm and sample length 100mm ⁽¹⁾	Min	Max	
		> 10 N	< 30 N	
Edge Trimming	Straight uniform trim			
Splices	Roll: 50m → max. 2 Splices Roll: 100m → max. 4 Splices			
Use	Dry or with the addition of liquid cleaning agent.			
Cloth Appearance	Free from dirt, holes, standing away threads / loops			
Total Absorption	5 times initial weight			



1- Schematic Diagram of Test Set-Up for Tensile and Elongation Test



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