

Fine & Soft

FineNet FN 915 foam-laminated and velour-backed net abrasives





FineNet abrasives – designed for lacquer sanding on high-end workpieces



Preparing surfaces for painting or polishing is one of the most demanding abrasive tasks in the automotive and furniture industries. The abrasive products required for this process have to adapt extremely well to the contours of the workpiece and be highly versatile – whilst their quality must be of the highest order.

The **FineNet FN 915** foam-laminated and velour-backed abrasives especially developed by Hermes not only easily meets these requirements, but are also highly economical.

Product benefits you will appreciate

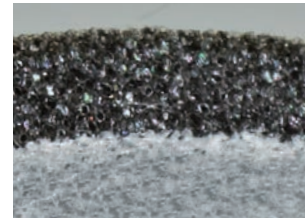
- **Abrasive adapts perfectly** to contours and very tight radii
- **Minimal loading** and the potential to clean the used abrasive results in **extended tool life**
- **Generates very fine surfaces** with consistent surface roughness
- Dust-free sanding with **minimal rework on surfaces**
- **Extremely versatile** – wet and dry on random orbital sanders or with hand sanding
- In dry sanding applications:
 - * **dust can be extracted through the sanding disc**
 - * dust residues on the sanded surface are reduced because the **foam layer absorbs dust**
- In wet sanding applications:
 - * **foam layer "stores" water** and allows a finely-metered supply of water for rinsing off and binding sanding residues
- Pressure-equalizing foam layer facilitates **"gentle" sanding** and reduces the risk of sanding through surface coatings
- Strong bond between the foam layer and the velour backing **allows multiple abrasive changes**

Applications

- Preparation of bodywork parts for lacquering
- Sanding of EC coatings and primers
- Fine-sanding of varnishes
- Fine-sanding of veneered workpieces before coating
- Intermediate sanding of profiled workpieces
- Fine-sanding of composite and gel coat
- Fine-sanding of solid-surface material (e.g. Corian)

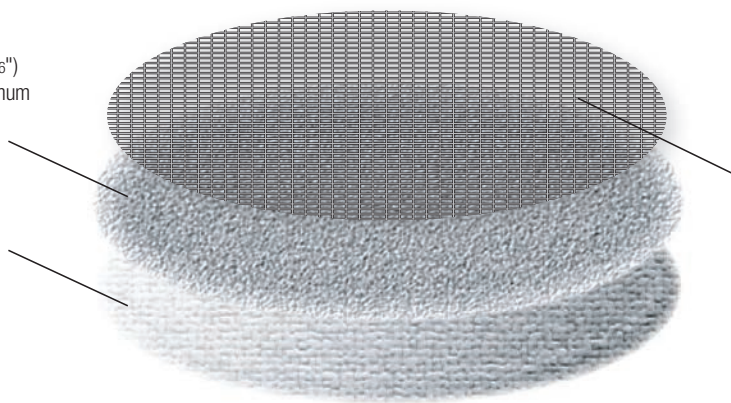
Product structure of FineNet FN 915, velour-backed

Abrasive grain	Silicon carbide
Bonding	Resin
Backing	Net, foam-laminated and velour-backed
Grit range	+ 240, + 360, + 500, + 600, + 800, + 1000
Delivery forms	Strips, Discs



Special foam (thickness: 3/16") for "gentle" sanding and optimum absorption of dust or water

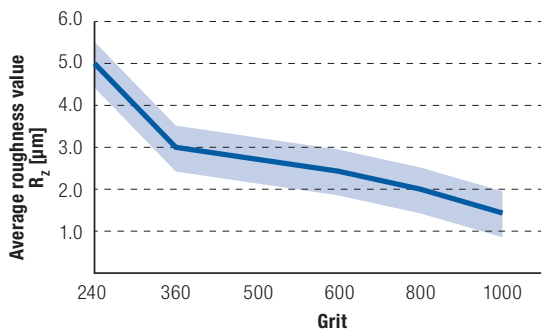
Lightweight, flexible velour backing for reliable adhesion to hook-and-loop backing elements



Open, flexible net with silicon carbide grain for good adaptability and permeation by sanding dust

Application engineering

EXAMPLE OF ACHIEVABLE ROUGHNESS DEPTHS*



Disc

FineNet FN 915 VEL, Ø 6"

Sanding process

Machine sanding (dry) with Festool random orbital sander, 5 mm stroke
 Backing pad: medium
 Sanding pressure: 20 N constant
 Material: plexiglass

* The type and hardness of the material to be sanded, the backing elements and the sanding process will lead to different values for roughness depth.

COMPARISON GRIT SIZES

Conventional Abrasive	Hermes FineNet	Main competitor product	Hermes sanding sponges	Competitors sanding sponges
180	—	180	100	medium
220	240			
240		240/360	180/360	180
280				
320	360	360	220	extra fine
360				
400	500	500	280	super fine
500				
600	500/600	500/600	400	ultra fine
800				
1000	800/1000	600/1000	400	ultra fine
1200				
1500	1000	1000	400	ultra fine
2000				
		1000/2000		

Differing product designs make direct grit size comparisons impossible.

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