



Mirka NC abrasives – the new Non-Corrosion Product Range

The preparation of corrosion sensitive surfaces requires abrasive products which contain the lowest possible amount of heavy metals. Aluminium based material and the demand from AOEMs for sanding corrosive sensitive materials are increasing. To meet this market requirement, Mirka is now the first abrasive company providing a full range of products from net to paper based and non-woven discs and sheets.

Why NC products?

Traditional abrasive products contain significant amounts of heavy metals, such as iron, chromium and copper. During the sanding operation, impurities can contaminate the aluminium surface. Scratches or defects in the paint or oxide layer (eloxated aluminium), which occur after the finishing process, can trigger the corrosion process. Parts of the car body, such as bonnets and fender edges, which are exposed to stone chipping and other damages, are also at risk. Highly critical is the aftermarket repair of aluminium parts.

What is the difference?

Special raw materials containing the lowest possible amounts of heavy metal contaminants have been used in the NC product range. Special procedures are applied throughout the production process to reduce the metal contents and ensure a stable quality. Due to the construction, the NC products show significant lower heavy metal contents than the corresponding traditional products.



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The Mirka NC product range meets the AOEM requirements for sanding corrosion sensitive substrates like aluminium.



Abranet NC contributes to a clean and safe working environment.

Mirka NC abrasives

<p>Mirlon® NC VF</p> <ul style="list-style-type: none"> • rolls, sheets and discs 	<p>Abranet® NC</p> <ul style="list-style-type: none"> • discs • grits P80–P600 	<p>Abralon® NC</p> <ul style="list-style-type: none"> • discs (standard Abralon) • all grits 	<p>Gold NC</p> <ul style="list-style-type: none"> • discs • grits P80–P500 
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The evidence of heavy metals in non-corrosion abrasives

Product	Fe	Cr	Cu	Zn	Ni
Mirlon® NC VF	62	5,3	<4	1,3	<4
Competitive non-woven abrasive	1190	26	6	14	6
Abranet® NC P180	70	4,1	2,2	2,1	<3
Competitive paper abrasive	490	5,9	5,5	5,7	–
Abralon® NC P360	6,7	3,1	<3	1,6	5
Competitive foam abrasive	97	19	6,7	2,6	–
Gold NC P150	42,3	1,08	1,16	2,6	<0,5
Competitive paper abrasive	3600	3,3	8,2	18	1,2

AOEM heavy metal content requirement in abrasive products < 100 ppm < 10 ppm < 5 ppm < 5 ppm < 5 ppm

For more information please visit www.mirka.com and check our videos on the Mirka YouTube channel.
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