

# Akasel Fact Sheet

## Aka-Rhaco Adapter Discs

November 2016



### Aka-Rhaco - the smart alternative

Adapter discs are used to convert standard consumables like polishing cloth with PSA backing or plain SiC Papers for use on magnetic support discs.



Aka-Rhaco's polymeric surface holds all different types of metallographic consumables, eliminating the need for self-adhesive consumables.

It is easy to place the consumables correctly, they are held safely during preparation and they can easily be removed without leaving any residue.

Aka-Rhaco can be used over and over again resulting in significant savings.



The unique polymer material is actually a slow-flowing liquid that will adapt to any surface. This will create the largest possible contact area and thus a very strong adhesive force that holds even normal SiC Paper safely during preparation.



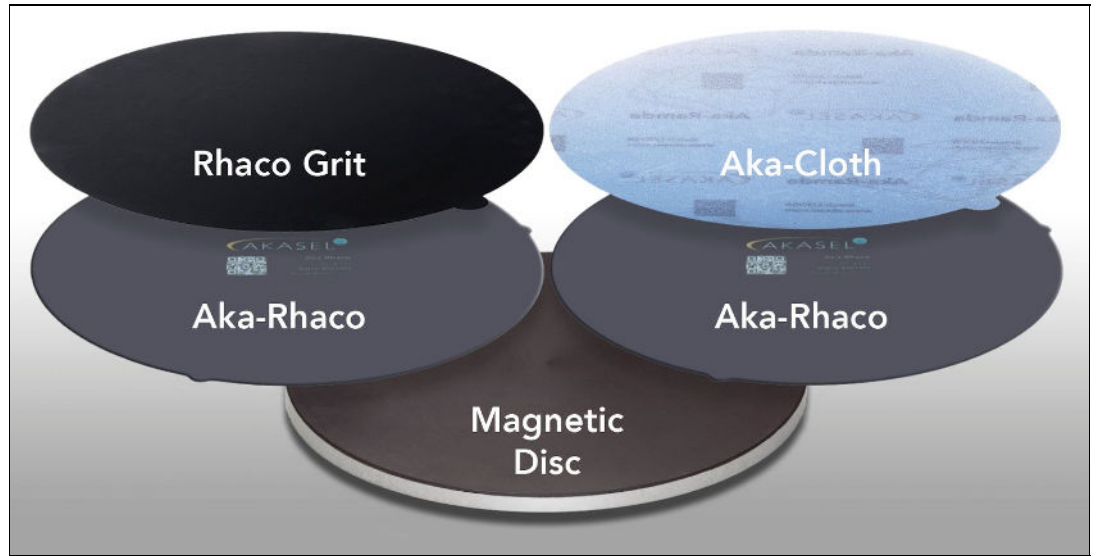
Where competitive discs require glossy surfaces, e.g. foil backed grinding papers, Aka-Rhaco makes it possible to use less expensive, standard grinding papers.



### The advantages of Aka-Rhaco:

- Plain SiC Paper like Rhaco-Grit can be used instead of PSA backed or foil based SiC Paper
- Self-adhesive polishing cloths can be used without removing the liner instead of metal-disc backed cloths
- Aka-Rhaco will last for over 1000 applications and thus:
  - Reduce consumables cost
  - Reduce freight cost
  - Reduce CO<sub>2</sub> emission both during production and transport

**How to use Aka-Rhaco:**

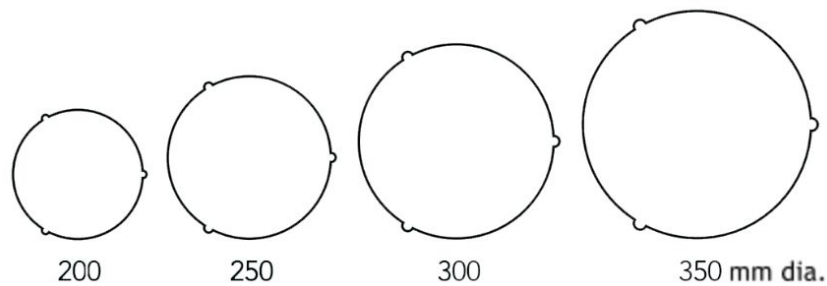


Rhaco Grit and Aka-Cloth are attached to Aka-Rhaco.  
Aka-Rhaco is then placed on top of the magnetic support disc.

**Rhaco is available with 3 backings:**

- Aka-Rhaco, a normal steel disc for high stiffness
- Aka-Rhaco Flex, a soft iron filled polymer material to increase the softness or resilience of the polishing cloths
- Aka-Rhaco PSA, a self-adhesive version that is glued directly onto an aluminium disc, where it will stay until it is worn out.

Aka-Rhaco is equipped with tabs for easy removal from the magnetic support disc and available in 4 sizes:



(Like the Aka-Polishing Cloths, Aka-Rhaco PSA has only one tab)

Product No.:	200 mm dia.	250 mm dia.	300 mm dia.	350 mm dia.
<b>Aka-Rhaco</b>	4312	4322	4332	4342
<b>Aka-Rhaco Flex</b>	4313	4323	4333	4343
<b>Aka-Rhaco PSA</b>	4314	4324	4334	4344