



DAIKO®



DAIKO Powder Solutions

- WC
- Cobalt
- Glass
- Classic

**MAINTENANCE
SOLUTIONS**

DAIKO POWDER SOLUTIONS

METALLIZATION	WC POWDERS	20-106µm	Pack. 5Kg	OX/AC TORCH
Art.	Composition	Description		
DAIKOPW 80 WC	Ni Cr B Si 80%WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.3 up to 0.8mm on Carbon Steel (0.5mm max on Stainless Steel). Machining is possible with grinding wheel. Matrix 60 HRc		
DAIKOPW 60 WC	Ni Cr B Si 60%WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.3 up to 1.0mm on Carbon Steel (0.7mm max on Stainless Steel). Machining is possible with grinding wheel. Matrix 60 HRc		
DAIKOPW 40 WC	Ni Cr B Si 40%WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.3 up to 1.5mm on Carbon Steel (0.8mm max on Stainless Steel). Machining is possible with grinding wheel. Matrix 60 HRc		
DAIKOPW 30 WC	Ni Cr B Si 30%WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.5 up to 2.0mm on Carbon Steel (1.0mm max on Stainless Steel). Machining is possible with grinding wheel. Matrix 60 HRc		

METALLIZATION	WC POWDERS	20-106µm or 44-106µm	Pack. 5Kg	OX/AC TORCH
Art.	Composition	Description		
DAIKOPW 155 WC	Ni Cr B Si 55%WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.8 up to 3.0mm on Carbon Steel (2.0mm max on Stainless Steel). Machining is possible with grinding wheel. Matrix 51HRc		
DAIKOPW 555 WC	Ni Cr B Si 55%WC 1900HV	Anti-wear coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.8 up to 5.0mm on Carbon Steel (2.0mm max on Stainless Steel). Machining is possible with grinding wheel. Matrix 53HRc		

METALLIZATION	GLASS POWDERS	20-106µm	Pack. 5Kg	OX/AC TORCH
Art.	Composition	Description		
DAIKOPW 30GL	Ni Cr B Si P Mo	Designed for the glass industry, used for geometrical and dimensional reconstructions or single-layer coatings on cast iron. Applicable thickness from 0.5 to 3.0mm. 30 HRc		
DAIKOPW 28GL	Ni B Si P	Designed for the glass industry, used for geometrical and dimensional reconstructions or single-layer coatings on cast iron. Applicable thickness from 0.5 to 3.0mm. 28 HRc		
DAIKOPW 27GL	Ni B Si P	Designed for the glass industry, used for geometrical and dimensional reconstructions or single-layer coatings on cast iron. Applicable thickness from 0.5 to 3.0mm. 25 HRc		
DAIKOPW 22GL	Ni B Si P	Designed for the glass industry, used for geometrical and dimensional reconstructions or single-layer coatings on cast iron. Applicable thickness from 0.5 to 3.0mm. 22 HRc		

METALLIZATION	CLASSIC POWDERS	20-106µm or 44-106µm	Pack. 5Kg	OX/AC TORCH
Art.	Composition	Description		
DAIKOPW 62CR	Ni Cr B Si Fe	Restoration and protection of sliding parts, corrosion-resistant, thickness from 0.3 to 1.0mm on Carbon Steel (0.7mm on Stainless Steel). Excellent surface finish after machining or grinding. 60 HRc		
DAIKOPW 50	Ni Cr B Si Fe	Restoration and protection of sliding parts, corrosion-resistant, thickness from 0.3 to 2.0mm on Carbon Steel (0.7mm on Stainless Steel). Excellent surface finish after machining or grinding. 50 HRc		
DAIKOPW 45	Ni Cr B Si Fe	Restoration and protection of sliding parts, corrosion-resistant, thickness from 0.3 to 3.0mm on Carbon Steel (1.0 mm on Stainless Steel). Excellent surface finish after machining or grinding. 40 HRc		
DAIKOPW 33	Ni Cr B Si Fe	Restoration and protection of sliding parts, corrosion-resistant, thickness from 0.3 to 3.0mm on Carbon Steel (1.0 mm on Stainless Steel). Excellent surface finish after machining or grinding. 33 HRc		

DAIKO POWDER SOLUTIONS

CLADDING	COBALT POWDERS	45-125µm or 53-150µm	Pack. 5Kg	PTA/LCD
Art.	Composition	Description		
DAIKOPW 1006	Base Co Cr W Fe Si C	Co-based powder for coatings, resistant to combined wear, corrosion, and oxidation up to 900°C. Designed for PTA or Laser Cladding systems, depending on the torch deposition capacity and powder particle size. Cobalt Alloy Gr.6. 40 HRc		
DAIKOPW 1008	Base Co Cr W Fe Si C	Co-based powder for coatings, resistant to combined wear, corrosion, and oxidation up to 750°C. Designed for PTA or Laser Cladding systems, depending on the torch deposition capacity and powder particle size. Cobalt Alloy Gr.12. 45 HRc		
DAIKOPW 1021	Base Co Cr Mo Ni Fe Si C	Co-based powder for coatings, resistant to combined wear, corrosion, and hot sliding. Designed for PTA or Laser Cladding systems, depending on the torch deposition capacity and powder particle size. Cobalt Alloy Gr.21. 30 HRc		

CLADDING	WC POWDERS	45-125µm	Pack. 5Kg	LCD/PTA
Art.	Composition	Description		
DAIKOPW 660LCD	40% Ni Cr B Si 60% WC WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.5 to 1.5mm on Carbon Steel (0.8mm on Stainless Steel). Designed for Laser Cladding and PTA. Machining is possible with grinding wheel. Matrix 60 HRc		
DAIKOPW 560LCD	40% Ni Cr B Si 60% WC WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.5 to 1.5mm on Carbon Steel (0.8mm on Stainless Steel). Designed for Laser Cladding and PTA. Machining is possible with grinding wheel. Matrix 58 HRc		
DAIKOPW 555LCD	45% Ni Cr B Si 55% WC WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.5 to 2.0mm on Carbon Steel (1.0mm on Stainless Steel). Designed for Laser Cladding and PTA. Machining is possible with grinding wheel. Matrix 55 HRc		
DAIKOPW 330LCD	70% Ni Cr B Si 30% WC WC 1900HV	Wear-resistant coatings, high resistance to abrasion and corrosion at high temperatures, thicknesses from 0.5 to 2.0mm on Carbon Steel (1.0mm on Stainless Steel). Designed for Laser Cladding and PTA. Machining is possible with grinding wheel. Matrix 33 HRc		

CLADDING	CLASSIC POWDERS	45-125µm	Pack. 5Kg	LCD/PTA
Art.	Composition	Description		
DAIKOPW 625LCD	Alloy 625	Wear, corrosion, and oxidation-resistant coatings up to 800°C. Geometric restoration on all alloys, including cast iron. Deposition from 1.0 to 6.0mm. Machinable with grinding wheels, excellent post-grinding finish.		
DAIKOPW CuAl	Cu Al Fe	Designed for geometric restoration, excellent for glass molds and crack resistance. Machinable with grinding wheels, perfect for profiles and edges.		
DAIKOPW 33LCD	Ni Cr B Si Fe Al	Designed for geometric restoration, excellent for glass molds and crack resistance. Machinable with grinding wheels, perfect for profiles and edges. 33 HRc		

METALLIZATION	HVOF POWDERS	15-45µm	Pack. 5Kg	HVOF/HVAF
Art.	Composition	Description		
DAIKO PW 86-10-4	86 WC 10Co 4Cr	Hard coatings with excellent wear and corrosion resistance. High-quality post-grinding or lapping, making it suitable for abrasion, erosion, and metal-to-metal friction, particularly when high protection against corrosion is required.		

DAIKO Powder Solutions
maintenance@daikowelding.com



DAIKO S.R.L.

Via Toscana, 3A-3B
20056 - Grezzago (MILANO) - Italy
Ph.+39 02 9090477

Via Aquileia, 13-15-17
31048 - S. Biagio di Callalta (TREVISO) - Italy
Ph. +39 0422 796367

LEGAL OFFICE

DAIKO S.R.L.
Viale G. G. Felissent 84/D - 31100 - TREVISO - Italy
REA 416562 VAT and T.C. IT04907220265

daikowelding.com
info@daikowelding.com

