



Consumables Catalogue





Surface Finishing Consumables

- Plastic Abrasive Media
- Ceramic Abrasive Media
- Porcelain Polishing Media
- Compounds
- Drying & Polishing Granules
- Other Materials for Finishing

Consumables We Offer.

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Why Us?

When searching for reliable deburring media suppliers, consistency, availability, and technical support are essential. At PDJ Vibro, we go beyond simply supplying media, we deliver tailored surface finishing solutions backed by one of the UK’s largest and most diverse stocks of deburring media. Our media is sourced globally from leading manufacturers, ensuring the highest quality standards and performance across every application.

As a leading supplier, we understand that every finishing process is unique. That’s why we offer a comprehensive range of ceramic, plastic, and specialist media in multiple shapes, sizes, and abrasive grades. Whether you’re working with steel components or delicate aluminium parts, we’ll match you with the right media to achieve optimal results, fast.

What truly sets PDJ Vibro apart from other deburring media suppliers is our in-house technical support team. With decades of experience, our experts offer hands-on guidance, process testing, and media selection advice to fine-tune your finishing operations.

PASTE

Paste is a highly concentrated finishing compound designed to break down slowly during vibration to clean, polish, brighten, or protect parts with minimal water and controlled chemical release.

- ✦ Highly concentrated paste that dissolves gradually, providing consistent finishing performance with minimal usage
- ✦ Enables controlled release during vibration, making it ideal for long cycle times
- ✦ Supports cleaning, brightening, polishing, and light deburring depending on formulation
- ✦ Works effectively with a wide range of media, including ceramic, plastic, porcelain, and organic media
- ✦ Suitable for dry or low-water processes, helping reduce water consumption and waste
- ✦ Low-foaming and clean-handling properties improve machine reliability and operator convenience
- ✦ Cost-effective solution due to reduced compound usage, lower maintenance, and consistent results



Type	Process	Application	PH Value
SFC	High Polish	Stainless Steel	9
SFS	High Polish	Steel	9
PC S1	High Abrasive	Steel, Stainless Steel	9
PC S2	High Abrasive	Gold, Silver, Zinc, Copper, Aluminium	8.7
PS A10	Abrasive	Steel	8.5
PS A20	Abrasive	Zinc, Aluminium, Brass, Copper	8.5
PG A70	Abrasive	Gold, Silver	9.5
PVE60	Dry Polishing	Steel, Stainless Steel	12
PPK 40	Dry Polishing	Gold, Silver, Brass, Zinc, Aluminium	12

POWDER

Support finishing processes by cleaning, drying, and enhancing surface appearance. Often used in later stages or for specific polishing requirements.

- ✦ Distributes evenly during vibration, coating parts and media for consistent results
- ✦ Ideal for heavy degreasing and derusting
- ✦ Easy to store, dose, and handle, with long shelf life and cost-efficient usage
- ✦ Provides good control over polishing and protective effects without oversaturating parts or media



Type	Process	Application	PH Value
VP 30	Polishing	All Metals	2 - 10
IDP - 40	Degreasing	All Metals	10.5
GA 25	Deburring	All Metals	10.5
AG 20	Anti-sticking	All Metals	-

DRYING & POLISHING GRANULES

Drying, polishing granules are lightweight, absorbent finishing media used in vibratory machines to dry parts, remove residual moisture, and impart a final polish or shine after wet processing.

- Absorbent, low-abrasive granules used as a final finishing stage to dry parts after wet vibratory processes
- Remove residual moisture, helping prevent water spots, staining, and corrosion
- Provide a light cosmetic polish, improving surface appearance and handling quality
- Gentle and lightweight, making them suitable for delicate, thin, or decorative components
- Often made from organic or porous materials such as treated wood or corn cob



Size		2.0 x 3.2	1.5 x 2.0	1.0 x 1.5	0.7 x 1.0	0.5 x 0.7			
Process	Buffing	*****	***	**	*	*	**	***	****
	Grinding	*****	*****	***	**	*	**	***	*****
	Drying	*	**	****	*****	*****			
	Polishing	*	**	***		****	*	***	****
Type		GM 8	GM 12	GM 16	GM 20	GM 30	GN 10	GN 20	GN 30



GM-8



GM-12



GM-16



GM-20



GM-30



GM-40



Olive Shell



Walnut Shell



Walnut Shell



GN-10



GN-20



GN-30

FINISHING COMPOUNDS

Finishing compounds are specially formulated liquids used in vibratory and high-energy machines to clean, deburr, and enhance surface finishes across a wide range of materials while supporting consistent and environmentally responsible processing.

- Liquid finishing compounds engineered for optimal performance in vibratory and high-energy finishing machines
- Suitable for a wide range of metals and materials, supporting diverse finishing requirements
- Formulated to deliver consistent, high-quality finishing results across different processes
- Developed with a strong focus on environmentally friendly and biodegradable solutions
- Support sustainable finishing practices without compromising performance
- Clear guidance provided on applications, processes, and pH values to help select the most suitable compound



Type	Application	Process	PH Value
NF - 15	Aluminium, Brass, Copper, Stainless Steel, Precious Metals	Deburring, Polishing	8.2
NF - 15 XP	Aluminium, Brass, Copper, Stainless Steel, Precious Metals	Bright Finishing	8.2
ID - 22	Steel	Deburring, Degreasing	8.8
SP - 45	Steel, Zinc, Copper, Brass	Deburring and Polishing, High Passivation Ability	8.8
KP - 45	Steel, Zinc, Copper, Brass	Polishing, High Passivation Ability	8.8
NY - 42	Steel, Zinc, Copper, Brass	Deburring, Polishing, Passivation	8.2
ASP - 50	Aluminium, Brass, Copper	Deburring, Polishing	1.8
SP - 54	Stainless Steel	Deburring, Polishing	1.9
BP - 84	Brass, Copper	Deburring, Polishing	1.2
AS - 80	Steel, Copper, Brass	Descaling, Degreasing, Derusting	1.2
GA - 40	Steel, Copper, Brass, Zinc	Deburring	8.2

CERAMIC ABRASIVE CHIPS

Hard and aggressive, ideal for deburring and surface refinement of steel, stainless steel, and hard alloys. Durable and available in multiple shapes and cutting grades.

- Widely used in vibratory, barrel, and centrifugal finishing machines for consistent surface treatment
- Suitable for a broad range of operations including grinding, deburring, deflashing, honing, polishing, burnishing, degreasing, and super-finishing
- Engineered to achieve low micro-inch surface finishes with high repeatability
- Available in multiple shapes, sizes, and abrasive grades to suit different part geometries
- Highly versatile and compatible with various machine sizes and process requirements
- Durable ceramic construction provides long service life and reliable finishing performance



Ceramic abrasive chips are available in custom shapes and sizes - please note these are subject to availability.

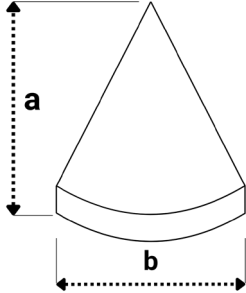
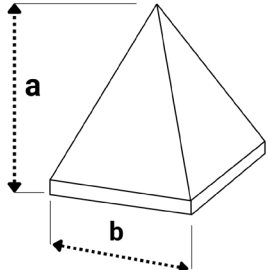
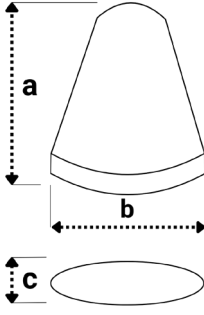
Type		Sizes (a x b c)	Abrasive (SB/A/FC)		
TR			3 x 3 4 x 4 5 x 5 6 x 6	10 x 10 15 x 15 20 x 20 25 x 25	30 x 30 40 x 40
TR-T			3 x 3 4 x 4 5 x 5 6 x 6	10 x 10 15 x 15 20 x 20 25 x 25	30 x 30 40 x 40
CY			Ø 4 x 10 Ø 6 x 20 Ø 8 x 20 Ø 10 x 20	Ø 15 x 25 Ø 20 x 30 Ø 30 x 30	
CY-T			Ø 4 x 10 Ø 6 x 20 Ø 8 x 20 Ø 10 x 20	Ø 15 x 25 Ø 20 x 30 Ø 30 x 30	
EL			10 x 5 x 10 15 x 7 x 15	20 x 7 x 20 25 x 10 x 25	
EL-T			10 x 5 x 10 15 x 7 x 15	20 x 7 x 20 25 x 10 x 25	
VS			6 x 6 6 x 10 15 x 15	20 x 20 25 x 25 30 x 30	
VS-T			6 x 6 6 x 10 15 x 15	20 x 20 25 x 25 30 x 30	
DY			10 x 6 10 x 10 20 x 10	30 x 10 45 x 15	
OB			15 x 10 20 x 20		
MS			Ø 5 Ø 12 Ø 20		

POLYESTER ABRASIVE CHIPS

Softer than ceramic, suited for non-ferrous materials like aluminium, brass, and copper. Available in vibrant colours indicating cut grades, shaped for durability and gentle finishing.

- Resin-bonded abrasive media made from polyester combined with abrasive grains
- Designed for use in vibratory, barrel, and centrifugal finishing machines
- Provide a softer, non-ferrous cutting action than ceramic media
- Ideal for deburring, edge radiusing, smoothing, and light polishing
- Well suited to thin-walled, delicate, or complex components
- Deliver consistent surface finishes with reduced risk of part damage



Type	Sizes (a x b)		B Weak Abrasive	C Medium Abrasive	D High Abrasive
K		10x10	KB 10	KC 10	-
		20x20	KB 20	KC 20	KD 20
		30x30	KB 30	KC 30	KD 30
		40x40	KB 40	KC 40	KD 40
		50x50	-	KC 50	KD 50
P		25 x 25	PB 25	PC 25	PD 25
		45 x 45	PB 45	PC 45	PD 45
		60 x 60	PB 60	PC 60	PD 60
		*	*		

*



* Polyester abrasive chips are available in custom shapes, sizes and colours - please note these are subject to availability.

UREA CHIPS

A softer, lightweight option, urea media is used where a gentle touch is needed for delicate or complex parts. It minimises surface damage while providing effective deburring and polishing action, particularly for pre-anodising and finishing of softer metals or sensitive components.

- ✦ Water-based urea finishing media designed for gentle vibratory finishing applications
- ✦ They have high abrasion with a high cutting rate
- ✦ They have a pre-plating, pre-anodised & and matte finishing applications.



Urea chips are available in custom shapes, sizes and colours - please note these are subject to availability.

Type			Sizes (a x b x c)	AZ MediumAbra- sive	VL High Abrasive
P			50 x 28 x 50	P 50 AZ	P 50 VL
			70 x 40 x 70	P 70 AZ	P 70 VL
C			20 x 20	C 20 AZ	C 20 VL
			30 x 30	C 30 AZ	C 30 VL
			40 x 40	C 40 AZ	C 40 VL
			50 x 50	C 50 AZ	C 50 VL
			60 x 60	C 60 AZ	C 60 VL
T			30 x 36	T 30 AZ	T 30 VL



POLISHING CHIPS

Non-abrasive or lightly abrasive media for refining surfaces and achieving high-gloss finishes, particularly prior to plating or anodising.

- Ideal for final finishing stages, helping to smooth and refine surfaces after initial deburring or grinding
- Best for achieving a consistent, uniform finish across multiple parts in batch processing
- Used to enhance appearance, adding brightness or shine to create a mirror finish without aggressive material removal
- Offer a gentle finishing process, reducing the risk of damage to delicate or precision parts
- Ideal for super-finishing



Type		Sizes (a x b x c)
TR-P		3 x 3 4 x 4 6 x 6
CY-P		Ø 2 x 6 Ø 3 x 10 Ø 4 x 10 Ø 5 x 15 Ø 6 x 15 Ø 8 x 15 Ø 10 x 15 Ø 10 x 20 Ø 12 x 25
CYT-P		Ø 3 x 10 Ø 4 x 10 Ø 5 x 15 Ø 6 x 15 Ø 8 x 20 Ø 10 x 15 Ø 10 x 20
EL-P		10 x 5 x 10 15 x 7 x 15
ELT-P		10 x 5 x 10 15 x 7 x 15 20 x 10 x 20
MS-P		Ø 3 Ø 4 Ø 5 Ø 6 Ø 8 Ø 10

Polishing chips are available in custom shapes and sizes - please note these are subject to availability

WOOD TUMBLING MEDIA

Wood media is a lightweight, tumbling material used in vibratory finishing.

- ✦ Works by carrying polishing compounds rather than cutting the material
- ✦ Suitable for complex or fragile components where damage must be avoided
- ✦ Typically used in dry or slightly damp vibratory finishing processes

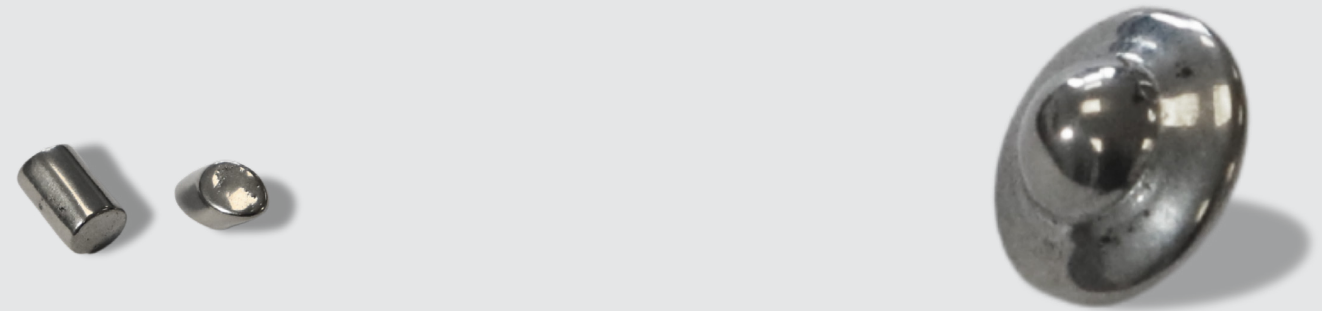


Wooden media is available in custom shapes and sizes - please note these are subject to availability.

METAL MEDIA

Metal media is a hard, durable, tumbling material used in vibratory finishing.

- ✦ Used for burnishing and polishing rather than cutting material
- ✦ Produces a bright, smooth, high-gloss surface finish
- ✦ Typically used in wet vibratory finishing with compounds
- ✦ Extremely durable and long-lasting compared to other media types
- ✦ Best suited for metal parts and final finishing stages

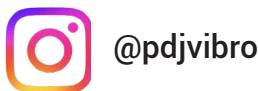


Metal media is available in different shapes and sizes - please note these are subject to availability.

CONTACT US:

Tel: 01908 648757

Get in touch with us today to learn more about our range of consumables and media for vibratory finishing. Our team is ready to help you find the right solution for your finishing needs.



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@vibratoryfinishingcouk



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PDJ Vibro

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Opening Hours

Monday	8:00am - 4.30pm
Tuesday	8:00am - 4.30pm
Wednesday	8:00am - 4.30pm
Thursday	8:00am - 4.30pm
Friday	8:00am - 12.30pm
Saturday	Closed
Sunday	Closed



Equipment, Subcontract, Consumable, Sales & Technical Support:
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Repeat Orders:
Email: orders@pdjvibro.co.uk

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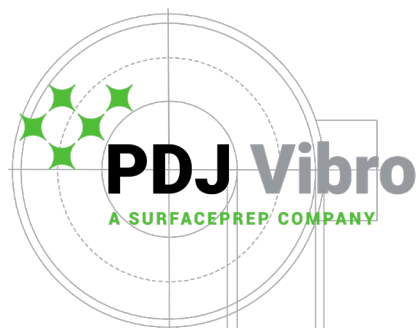
Part of SurfacePrep UK

We Deliver Results, **Beyond The Surface**



Combining heritage and craftsmanship, experience and knowledge, our 70 years of expertise goes far beyond the surface. SurfacePrep UK was built through strategic acquisitions of companies carefully chosen to enhance our product and service offering, bringing together the best of British brands. We are the UK and Ireland’s leading supplier and manufacturer of surface preparation and finishing solutions creating a one stop shop for end-to-end support.

SurfacePrep UK is part of SurfacePrep, a US-based leader in surface preparation and finishing solutions since 1956. We have over 50 locations across the US, Canada and the UK. SurfacePrep is known for delivering consistent and profitable 5-star solutions for customers across a variety of industries.



A trusted leader in vibratory finishing for over 40 years, PDJ Vibro has helped countless businesses achieve flawless surfaces with speed and efficiency. With decades of engineering expertise and a commitment to reliability and service, PDJ Vibro set the benchmark in surface finishing.

The PDJ team understands the value of building lasting partnerships with clients across various sectors. With unrivalled customer service and a relentless focus on quality, PDJ Vibro has transformed the finishing industry.

PDJ Vibro joined SurfacePrep UK in 2024.





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