

TAF



abrasivi

Price
List
2025



TAF ABRASIVI, was founded in 1953 in order to manufacture abrasive products. Since its origin TAF has constantly improved its broad range of top quality products which are today widely used in the metal industry.

A key aim of TAF has always been to develop the most modern production

techniques enabling the Company to offer a top quality service to its customers.



Production is currently undertaken in a modern factory with an area of 18.000 square meters.

The manufacture of a broad range of coated abrasives with cloth, paper and fibre backings together with reinforced cutting and grinding discs has enabled

TAF to maintain its high standing in the market place.

In addition to the metal industry, TAF products are also widely used in the glass, wood, plastic, marble and leather industries.

TAF ABRASIVI, thanks to its efficient and widespread sales network, is able to offer its customers in Italy and worldwide a technical/commercial advice service in order to identify, distribute and use products meeting customized needs.



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Abrasive cloths



Rolls

Sheets

Belts

Spirobands

TECHNICAL SPECIFICATIONS AND APPLICATIONS

The abrasive cloths are made of three different raw materials:

BACKINGS

Backings	Features
F	Extra-flexible cotton cloth
J	Flexible cotton cloth
XF	Semiflexible cotton cloth
X	Heavy cotton cloth
W	Heavy waterproof cotton cloth
FPC	Extra-flexible polycotton cloth
JPC	Flexible polycotton cloth
XFPC	Semiflexible polycotton cloth
XPC	Heavy polycotton cloth
H	Heavy polyester cloth
Y	Very heavy polyester cloth

BONDINGS

Phenolic resins are used to secure the abrasive grits to the backing. Resins are thermosetting and therefore highly resistant to mechanical stress typical of grinding and finishing applications.

To enhance the features of some abrasive cloths the resins are filled with cooling agents or clogging limiters.

ABRASIVES

- ALUMINIUM OXIDE:**
- Multipurpose abrasive mineral for a wide range of applications, suitable on ferrous and non-ferrous metals, wood and leather.
- ZIRCONIUM OXIDE:**
- Very aggressive at high working pressure suitable on carbon steel, stainless steel, aluminium, titanium. Cool grind. Auto-dress power.
- CERAMIC ABRASIVE:**
- Microcrystal structure, auto-dress power at high working pressure. High stock removal suitable on: high tensile and special materials, forged metals, sintered alloys, cast iron.
- SILICON CARBIDE:**
- Very sharp and hard, suitable on non-ferrous metals, plastic materials, glass, marble and stone.

ABRASIVE CLOTHS



TECHNICAL SPECIFICATIONS AND APPLICATIONS

TF41 ALUMINIUM OXIDE CLOTH - HAND APPLICATIONS

Technical specifications:

Backing: flexible cotton cloth - J
Bonding: resin over resin
Abrasive: Aluminium oxide
Grits: 320-280-240-220-180-150-120-100-80-60-50-40-36

Applications:

Multipurpose cloth for hand applications, suitable on ferrous and non-ferrous metals, wood and leather.
Suitable also for orbital sanders.
Dry use.

TF50 ALUMINIUM OXIDE CLOTH - HAND APPLICATIONS

Technical specifications:

Backing: extra-flexible cotton cloth - F
Bonding: resin over resin
Abrasive: Aluminium oxide
Grits: 800-500-400-320-280-240-220-180-150-120-100-80-60-50-40

Applications:

Multipurpose cloth for hand applications, suitable on ferrous and non-ferrous metals, wood and leather. Suitable also for orbital sanders. Usable for interleaved flapwheels production.
Dry use.

JF63 ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: extra-flexible polycotton cloth - FPC
Bonding: resin over resin filled
Abrasive: Aluminium oxide
Grits: 400-320-280-240-220-180-150-120-100-80-60

Applications:

Best on stainless steel and ferrous metals. Cool grinding.
Ideal for contoured parts. Blue colour cloth free of iron oxide to prevent stainless steel contamination.
Dry use.

JF4TOP ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: extra-flexible polycotton cloth - FPC (gr. 400÷150)
Backing: flexible polycotton cloth - JPC (gr. 120÷60)
Bonding: resin over resin + top size coat
Abrasive: Aluminium oxide
Grits: 400-320-280-220-180-150-120-100-80-60

Applications:

Best on non-ferrous metals such as aluminium, zamac, copper, titanium, etc. Suitable also for stainless steel polishing and ferrous metals. Top size coat to prevent clogging.
Dry use.

TJ7 ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: flexible polycotton cloth - JPC
Bonding: resin over resin filled
Abrasive: Aluminium oxide
Grits: 400-320-240-220-180-150-120-100-80-60

Applications:

Best on ferrous metals and stainless steel. Cool grinding.
Dry use.

TA10 ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: semiflexible cotton cloth - XF
Bonding: resin over resin
Abrasive: Aluminium oxide
Grits: 320-280-240-220-180-150-120-100-80-60-50-40

Applications:

Ideal for flapwheels production.
Dry use.



ABRASIVE CLOTHS

TECHNICAL SPECIFICATIONS AND APPLICATIONS

TA31 ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: heavy polycotton cloth - XPC
Bonding: resin over resin
Abrasive: Aluminium oxide
Grits: 180-150-120-100-80-60-50-40-36

Applications:

Multipurpose cloth for grinding of ferrous and non-ferrous metals, wood and leather. Suitable for portable belts - Floor sanding applications.
 Dry use.

TX52 ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: heavy cotton cloth - X
Bonding: resin over resin
Abrasive: Aluminium oxide
Grits: 220-180-150-120-100-80-60-50-40-36-24

Applications:

Cloth for professional applications. Sanding of ferrous and non-ferrous metals, wood and leather.
 Dry use.

HA66 ALUMINIUM OXIDE CLOTH

Technical specifications:

Backing: very heavy polyester cloth - Y (gr. 40,36)
Backing: heavy polyester cloth - H (gr. 500÷50)
Bonding: resin over resin
Abrasive: Aluminium oxide
Grits: 500-400-320-240-220-180-150-120-100-80-60-50-40-36

Applications:

Grinding and finishing of mild steel, aluminium and cast iron.
 Dry and wet use.

TZ32 ZIRCONIUM OXIDE CLOTH

Technical specifications:

Backing: heavy polycotton cloth - XPC
Bonding: resin over resin
Abrasive: Zirconium oxide
Grits: 120-100-80-60-50-40-36

Applications:

Multipurpose cloth for grinding of mild steel, stainless steel and aluminium.
 Dry use.

TZ59 ZIRCONIUM OXIDE CLOTH

Technical specifications:

Backing: heavy cotton cloth - X
Bonding: resin over resin
Abrasive: Zirconium oxide
Grits: 120-100-80-60-50-40-36

Applications:

Cloth for professional applications. Grinding of stainless steel, aluminium and cast iron.
 Dry use.

HZ72 ZIRCONIUM OXIDE CLOTH

Technical specifications:

Backing: very heavy polyester cloth - Y (gr. 40÷24)
Backing: heavy polyester cloth - H (gr. 120÷50)
Bonding: resin over resin
Abrasive: Zirconium oxide
Grits: 120-100-80-60-50-40-36-24

Applications:

Grinding of stainless steel, aluminium and cast iron.
 Dry and wet use.

HZ8TOP ZIRCONIUM OXIDE CLOTH

Technical specifications:

Backing: very heavy polyester cloth - Y (gr. 40,36)
Backing: heavy polyester cloth - H (gr. 120÷50)
Bonding: resin over resin + top size coat
Abrasive: Zirconium oxide
Grits: 120-100-80-60-50-40-36

Applications:

Grinding of stainless steel, titanium and aluminium.
 Top size coat for cool grinding.
 Dry use.

TECHNICAL SPECIFICATIONS AND APPLICATIONS

JG9TOP CERAMIC ABRASIVE CLOTH

Technical specifications:

Backing: flexible polycotton cloth – JPC
Bonding: resin over resin + top size coat
Abrasive: Ceramic Abrasive
Grits: 220-180-150-120-100-80-60

Applications:

Ideal for applications on sintered alloys, stainless steel, titanium and special materials. Top size coat for cool grinding.
Dry use.

HG49TOP CERAMIC ABRASIVE CLOTH

Technical specifications:

Backing: very heavy polyester cloth - Y (gr. 40,36)
Backing: heavy polyester cloth - H (gr. 80÷50)
Bonding: resin over resin + top size coat
Abrasive: Ceramic Abrasive
Grits: 80-60-50-40-36

Applications:

Grinding of sintered alloys, titanium, high tensile and special materials. Top size coat for cool grinding.
Dry use.

CJ91 SILICON CARBIDE CLOTH

Technical specifications:

Backing: flexible polycotton cloth - JPC
Bonding: resin over resin
Abrasive: Silicon carbide
Grits: 400-320-280-240-220

Applications:

Finishing and polishing of non-ferrous metals such as brass, copper, titanium, etc. Suitable for marble and plastic materials.
Ideal for contoured parts.
Dry use.

CJ83 SILICON CARBIDE CLOTH

Technical specifications:

Backing: semiflexible cotton cloth - XF
Bonding: resin over resin
Abrasive: Silicon carbide
Grits: 180-150-120-100-80-60

Applications:

Grinding and finishing of non-ferrous metals such as brass, copper, titanium, etc. Suitable for marble and plastic materials.
Dry use.

WC44 SILICON CARBIDE CLOTH

Technical specifications:

Backing: heavy waterproof cotton cloth - W
Bonding: resin over resin
Abrasive: Silicon carbide
Grits: 400-320-280-220-180-150-120-100-80-60-50-40

Applications:

Grinding and finishing of flat and crystal glass, marble, plastic materials and non-ferrous metals.
Dry and wet use.

HC25 SILICON CARBIDE CLOTH

Technical specifications:

Backing: heavy polyester cloth - H
Bonding: resin over resin
Abrasive: Silicon carbide
Grits: 220-180-150-120-100-80-60-40-36-24

Applications:

Grinding and finishing of flat and crystal glass, marble, plastic materials and non-ferrous metals.
Dry and wet use.

JUMBO ROLLS OF ABRASIVE CLOTH

ALUMINIUM OXIDE CLOTHS

Item	Width mm	List Price per Meter														Rolls	
		Rolls 50m long														25m long	
		500	400	320	280	240	220	180	150	120	100	80	60	50	40	36	24
TF41	1420			26,97	26,97	26,97	26,97	26,97	26,97	26,97	26,97	28,38	30,62	32,94	35,46	38,03	
TF50	1420	32,30	32,30	32,30	32,30	32,30	32,30	32,30	32,30	32,30	32,30	33,97	36,73	39,50	42,47		
JF63	1420		37,29	37,29	37,29	37,29	37,29	37,29	37,29	37,29	37,29	39,25	42,36				
JF4TOP	1420		45,49	45,49	45,49		45,49	45,49	45,49	45,49	45,49	47,89	51,68				
TJ7	1420		37,29	37,29		37,29	37,29	37,29	37,29	37,29	37,29	39,25	42,36				
TA10	1420			39,19	39,19	39,19	39,19	39,19	39,19	39,19	39,19	41,23	44,49	47,88	51,52		
TA31	1420							30,58	30,58	30,58	30,58	32,18	34,73	37,38	40,21	43,07	
TX52	1420						37,29	37,29	37,29	37,29	37,29	39,25	42,36	45,58	49,03	52,53	55,97
HA66	1420	41,77	41,77	41,77		41,77	41,77	41,77	41,77	41,77	41,77	43,96	47,44	51,05	54,92	58,83	

ZIRCONIUM OXIDE CLOTHS

Item	Width mm	List Price per Meter														Rolls	
		Rolls 50m long														25m long	
		500	400	320	280	240	220	180	150	120	100	80	60	50	40	36	24
TZ32	1420									37,29	37,29	39,25	42,36	45,58	49,03	52,53	
TZ59	1420									44,00	44,00	46,32	49,99	53,78	57,85	61,99	
HZ72	1420									46,61	46,61	49,06	52,95	56,98	66,69	71,44	76,11
HZ8TOP	1420									59,67	59,67	62,80	67,78	72,93	89,24	95,60	

CERAMIC ABRASIVE CLOTHS

Item	Width mm	List Price per Meter														Rolls	
		Rolls 50m long														25m long	
		500	400	320	280	240	220	180	150	120	100	80	60	50	40	36	24
JG9TOP	1420						55,94	55,94	55,94	55,94	55,94	58,87	63,55				
HG49TOP	1420											88,70	95,74	103,02	127,48	136,58	

SILICON CARBIDE CLOTHS

Item	Width mm	List Price per Meter														Rolls	
		Rolls 50m long														25m long	
		500	400	320	280	240	220	180	150	120	100	80	60	50	40	36	24
CJ91	1420		39,90	39,90	39,90	39,90	39,90										
CJ83	1420							39,90	39,90	39,90	39,90	41,99	45,33				
WC44	1420		41,39	41,39	41,39		41,39	41,39	41,39	41,39	41,39	43,56	47,02	50,60	54,43		
HC25	1420						41,39	41,39	41,39	41,39	41,39	43,56	47,02		54,43	58,30	62,13

ROLLS OF ABRASIVE CLOTH



Item	Coefficient	Grits															
		500	400	320	280	240	220	180	150	120	100	80	60	50	40	36	24
JF63	1,00		●	●	●	●	●	●	●	●	●	●	●				
JF4TOP	1,22		●	●	●		●	●	●	●	●	●	●				
TJ7	1,00		●	●		●	●	●	●	●	●	●	●				
TA31	0,82							●	●	●	●	●	●	●	●	●	
TX52	1,00						●	●	●	●	●	●	●	●	●	●	●
HA66	1,12	●	●	●		●	●	●	●	●	●	●	●	●	●	●	
TZ32	1,00									●	●	●	●	●	●	●	
TZ59	1,18									●	●	●	●	●	●	●	
HZ72	1,25									●	●	●	●	●			
	1,36														●	●	●
HZ8TOP	1,60									●	●	●	●	●			
	1,82														●	●	
JG9TOP	1,50						●	●	●	●	●	●	●				
HG49TOP	2,26											●	●	●			
	2,60														●	●	
CJ91	1,07		●	●	●	●	●										
CJ83	1,07							●	●	●	●	●	●				
WC44	1,11		●	●	●		●	●	●	●	●	●	●	●	●		
HC25	1,11						●	●	●	●	●	●	●		●	●	●



Width mm	List Price per Roll						Unit of Sale	
	Rolls 50m long					Rolls 25m long		
	100 and finer	80	60	50	40	36	24	
50	77,35	81,40	87,83	94,52	101,71	54,47	58,03	27
75	115,97	122,10	131,74	141,78	152,55	81,73	87,05	18
100	142,47	150,00	161,81	174,13	187,38	100,36	106,94	14
120	170,95	179,99	194,18	208,96	224,86	121,70	128,32	10
150	213,69	224,98	242,73	261,22	281,07	150,57	160,38	8
200	284,92	299,99	323,63	348,28	374,78	200,75	213,82	7
300	421,64	437,34	471,84	507,76	546,38	292,68	311,75	4

Other dimensions are available upon request.

PRICE CALCULATION

To calculate the price of a roll, select the price per roll according to the width and grit size. Then multiply by the product coefficient. N.B. for orders of a single roll in width 120-150-200-300 mm there is a surcharge of 5%.

ECONOMY ROLLS OF ABRASIVE CLOTH

ALUMINIUM OXIDE CLOTHS

Item	Grits														
	500	400	320	280	240	220	180	150	120	100	80	60	50	40	36
TF41			●	●	●	●	●	●	●	●	●	●	●	●	●
TF50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

UNIVERSAL RANGE



TF41 is an extremely versatile product suitable for several sanding and finishing applications.
To be used manually or on orbital sanders.
Dry use.

FLEXIBLE RESIN CLOTH item TF41

Width mm	Length m	List Price per roll						Packing
		320÷100	80	60	50	40	36	
38	25	23,06	24,19	25,89	27,67	29,57	31,39	4
50	25	29,26	30,64	32,77	34,86	37,29	39,81	3
115	50	118,78	125,11	135,02	145,10	156,19	167,16	1

PROFESSIONAL RANGE



TF50 is a very versatile professional cloth with high performance. Ideal for applications on contoured parts like pots, cutlery, weapons and several type of molds.

To be used manually or on orbital sanders.
Dry use.

EXTRA-FLEXIBLE RESIN CLOTH item TF50

Width mm	Length m	List Price per roll					Packing
		500÷100	80	60	50	40	
25	25	19,59	20,48	21,87	23,31	24,88	6
38	25	27,13	28,45	30,47	32,54	34,80	4
50	25	34,40	36,05	38,53	40,97	43,92	3
115	50	144,99	152,72	164,78	177,09	190,65	1

SHEETS OF ABRASIVE CLOTH



ALUMINIUM OXIDE CLOTHS

Item	Grits															
	800	500	400	320	280	240	220	180	150	120	100	80	60	50	40	36
TF41				●	●	●	●	●	●	●	●	●	●	●	●	●
TF50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

UNIVERSAL RANGE

TF41 is an extremely versatile product suitable for several sanding and finishing applications.

To be used manually or on orbital sanders.

Dry use.



FLEXIBLE RESIN CLOTH item TF41

Width mm	Length mm	List Price per Sheet						Packing
		320÷100	80	60	50	40	36	
200	280	1,20	1,25	1,33	1,38	1,48	1,58	50
230	280	1,50	1,56	1,69	1,80	1,89	2,02	50

PROFESSIONAL RANGE

TF50 is a very versatile professional cloth with high performance. Ideal for applications on contoured parts like pots, cutlery, weapons and several type of moulds.

To be used manually or on orbital sanders.

Dry use.



EXTRA-FLEXIBLE RESIN CLOTH item TF50

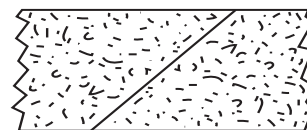
Width mm	Length mm	List Price per Sheet					Packing
		800÷100	80	60	50	40	
230	280	1,75	1,84	1,96	2,11	2,24	50

Item	Coefficient	Grits															
		500	400	320	280	240	220	180	150	120	100	80	60	50	40	36	24
JF63	1,00		•	•	•	•	•	•	•	•	•	•	•				
JF4TOP	1,22		•	•	•		•	•	•	•	•	•	•				
TJ7	1,00		•	•		•	•	•	•	•	•	•	•				
TA31	0,82							•	•	•	•	•	•	•	•	•	
TX52	1,00						•	•	•	•	•	•	•	•	•	•	•
HA66	1,12	•	•	•		•	•	•	•	•	•	•	•	•	•	•	
TZ32	1,00									•	•	•	•	•	•	•	
TZ59	1,18									•	•	•	•	•	•	•	
HZ72	1,25									•	•	•	•	•			
	1,36														•	•	•
HZ8TOP	1,60									•	•	•	•	•			
	1,82														•	•	
JG9TOP	1,50						•	•	•	•	•	•	•				
HG49TOP	2,26											•	•	•			
	2,60														•	•	
CJ91	1,07		•	•	•	•	•										
CJ83	1,07							•	•	•	•	•	•				
WC44	1,11		•	•	•		•	•	•	•	•	•	•	•	•		
HC25	1,11						•	•	•	•	•	•	•		•	•	•

JOINT TYPES

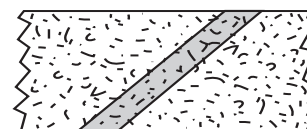
GS

(standard overlap joint)



GM

(top-skive overlap joint)



TT

(butt joint with tape)



ZZ

(zig zag butt joint with tape)



BELTS OF ABRASIVE CLOTH



Width mm	List Price per Meter							Joint Price				M.o.q. (pcs)
	100 and finer	80	60	50	40	36	24	GS	GM	TT	ZZ	
20	0,61	0,63	0,69	0,73	0,78	0,84	0,98	0,85	0,88	0,92		100
25	0,74	0,75	0,84	0,90	0,99	1,04	1,21	0,85	0,88	0,92		100
30	0,89	0,96	1,02	1,10	1,18	1,28	1,43	0,85	0,88	0,92		100
35	1,04	1,12	1,20	1,29	1,38	1,45	1,69	0,85	0,88	0,92		50
40	1,20	1,26	1,37	1,44	1,59	1,69	1,92	0,95	0,99	1,06		50
45	1,35	1,41	1,55	1,65	1,76	1,90	2,17	1,09	1,13	1,19		50
50	1,50	1,59	1,70	1,85	1,97	2,12	2,42	1,20	1,25	1,32	1,49	50
60	1,79	1,89	2,05	2,20	2,35	2,51	2,90	1,42	1,47	1,56	1,80	40
70	2,11	2,20	2,39	2,58	2,74	2,97	3,39	1,67	1,74	1,85	2,08	40
75	2,26	2,38	2,57	2,73	2,97	3,16	3,62	1,80	1,87	1,96	2,25	40
80	2,40	2,51	2,70	2,95	3,13	3,34	3,86	1,90	1,96	2,08	2,37	30
90	2,69	2,83	3,07	3,33	3,53	3,80	4,32	2,12	2,24	2,35	2,68	30
100	3,00	3,15	3,41	3,66	3,91	4,23	4,83	2,37	2,47	2,59	2,98	30
120	3,60	3,78	4,07	4,40	4,71	5,05	5,76	2,87	2,97	3,12	3,55	20
140	4,20	4,41	4,76	5,11	5,50	5,90	6,72	3,34	3,44	3,65	4,15	20
150	4,48	4,72	5,10	5,50	5,88	6,32	7,20	3,55	3,68	3,92	4,47	20
180	5,36	5,67	6,11	6,59	7,06	7,57	8,65	4,27	4,41	4,69	5,34	10
200	5,98	6,30	6,78	7,33	7,84	8,42	9,61	4,76	4,91	5,22	5,95	10
240	7,16	7,54	8,14	8,77	9,40	10,12	11,55	5,70	5,90	6,24	7,13	10
300	8,95	9,44	10,17	10,97	11,76	12,62	14,42	7,12	7,35	7,79	8,90	10
400	11,93	12,58	13,57	14,63	15,69	16,83	19,20	9,52	9,82	10,40		10
500	14,92	15,73	16,95	18,28	19,59	21,00	24,03	11,87	12,28	12,99		10
650	19,41	20,44	22,06	23,80	25,46	27,36	31,22	15,41	15,95	16,88		10
700	20,89	22,02	23,77	25,57	27,41	29,42	33,63	16,61	17,18	18,17		10
800	23,88	25,16	27,16	29,22	31,33	33,65	38,44	18,98	19,62	20,79		10
900	26,86	28,32	30,53	32,88	35,23	37,86	43,22	21,36	22,10	23,39		10
950	28,36	29,89	32,23	34,71	37,20	39,96	45,65	22,53	23,33	24,68		10
1000	29,81	31,46	33,92	36,54	39,16	42,06	48,03	23,73	24,52	25,97		5
1050	31,34	32,99	35,62	38,36	41,14	44,21	50,42	24,92	25,78	27,26		5
1100	32,82	34,68	37,30	40,16	43,06	46,27	52,84	26,10	26,99	28,56		5
1150	34,30	36,14	39,00	42,01	45,02	48,36	55,23	27,27	28,21	29,88		5
1200	35,91	37,71	40,69	43,83	46,99	50,47	57,63	28,47	29,45	31,18		5
1250	37,30	39,29	42,39	45,68	48,94	52,58	60,04	29,68	30,66	32,47		5
1300	38,77	40,86	44,08	47,49	50,90	54,68	62,43	30,87	31,90	33,77		5
1400	41,76	43,99	47,48	51,14	54,80	58,88	67,22	33,22	34,37	36,36		5

PRICE CALCULATION

To calculate the price of a belt, select the price per meter according to the width and grit size, then multiply by the product coefficient and multiply again by the length of the belt in meters. Finally add the joint price related to the belt width.
For intermediate sizes take the next (wider) category shown (e.g. for 38mm take width 40mm).

STANDARD BELTS OF ABRASIVE CLOTH



Belts for applications on portable sanders

- TA31 = polycotton backing / aluminium oxide
Universal applications

ALUMINIUM OXIDE BELTS FOR PORTABLE SANDERS item **TA31**

Dimension mm / Joint	List Price Each					Packing
	120	100	80	60	40	
457 x 75 GM	2,28	2,28	2,33	2,39	2,47	20
533 x 75 GM	2,33	2,33	2,42	2,51	2,70	20
610 x 100 GM	3,35	3,35	3,40	3,54	3,88	20



Belts for applications on stationary sanders

- TX52 = cotton backing / aluminium oxide
Professional applications
- HZ72 = polyester backing / zirconium oxide
Heavy-duty applications

ALUMINIUM OXIDE BELTS item **TX52**

Dimension mm / Joint	List Price Each							Packing
	120	100	80	60	50	40	36	
1000 x 100 TT	5,40	5,40	5,55	5,80	6,06	6,32	6,64	10
1500 x 120 TT	8,29	8,29	8,59	9,02	9,50	9,99	10,51	10

ZIRCONIUM OXIDE BELTS item **HZ72**

Dimension mm / Joint	List Price Each							Packing
	120	100	80	60	50	40	36	
1000 x 100 TT	6,09	6,09	6,27	6,60	6,91	7,82	8,26	10
1500 x 120 TT	9,55	9,55	9,91	10,44	11,02	12,69	13,41	10

These are made of reinforced resin cloth coated with zirconium oxide. They are mounted on cylindrical rubber holders with a 6 mm shaft. They are used on portable grinders for mould finishing, pipework and weld seams. The speed must not exceed 30 m/sec.



ZIRCONIUM OXIDE SPIROBANDS item MR77

Diameter mm	Width mm	List Price Each				Packing	Max RPM
		150	80	60	40		
10	10	0,31	0,32	0,33	0,36	100	27000
10	20	0,33	0,39	0,40	0,41	100	27000
13	25	0,42	0,43	0,44	0,45	100	27000
15	30	0,46	0,47	0,49	0,52	100	26000
20	30	0,50	0,51	0,52	0,55	100	25000
22	20	0,43	0,44	0,45	0,49	100	25000
25	25	0,50	0,51	0,52	0,55	100	24000
30	20	0,49	0,50	0,51	0,54	100	20000
30	30	0,63	0,64	0,66	0,69	100	20000
45	30	0,78	0,83	0,85	0,91	100	12000
60	30	0,94	0,95	0,98	1,11	100	8000

Centrifugal expansion rubber mandrels to be used for the mounting of spirobands MR77.

MOUNTING: Shaft overhang from the collet must not exceed 5mm.



MANDRELS item PMR

Diameter mm	Width mm	Shaft Ø mm	List Price Each	Packing	Max RPM
10	10	6	9,23	5	27000
10	20	6	11,11	5	27000
13	25	6	11,66	5	27000
15	30	6	13,27	5	26000
20	30	6	16,09	5	25000
22	20	6	13,93	5	25000
25	25	6	16,09	5	24000
30	20	6	15,53	5	20000
30	30	6	17,04	5	20000
45	30	6	19,26	5	12000
60	30	6	22,49	5	8000



Flapdiscs



**Flapdiscs with
bonded abrasive
flaps**

**Flapdiscs with
abrasive flap
inserts**

TECHNICAL SPECIFICATIONS AND APPLICATIONS

The idea of having an abrasive cloth that is wearing off continuously to offer new grinding surface at all time was born in TAF in the late sixties. At that time the first ever flapdisc was designed by TAF who kept the patent for many years. With this in mind it is easy to understand how TAF is handling the basics of flapdisc production. In each flapdisc that we manufacture we apply the know-how of many years of experience with an accurate choice of materials and procedures and with unique abrasive cloth that we exclusively design for our own production to give optimal performance in each application.

TAF has a wide and consistent range of flapdisc that gives a complete portfolio of solutions for any user.

TAF flapdiscs range is divided in two categories:

PROFESSIONAL RANGE

Includes the top quality items representing the maximum expression of the technical knowledge and the R&D activities of the company.

UNIVERSAL RANGE

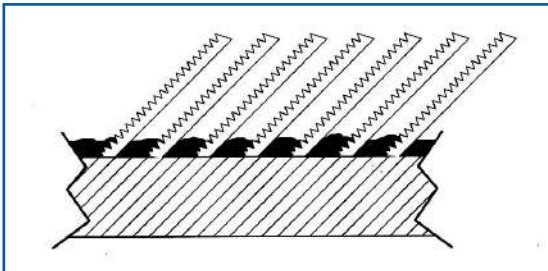
Professional items characterized by an excellent price/performance ratio for great profitability.

The discs are available in two different constructions and two different shapes:

FLAPDISC TYPE

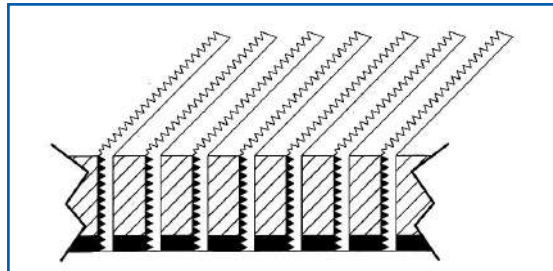
WITH BONDED ABRASIVE FLAPS:

- high cutting speed
- universal application



WITH ABRASIVE FLAP INSERTS:

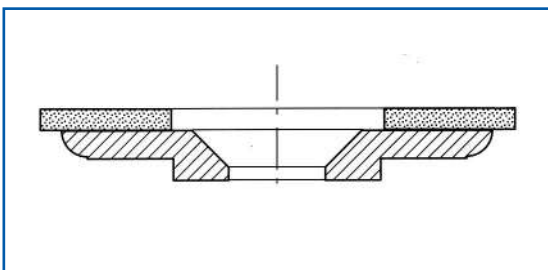
- excellent finishing
- vibration dampening and reduced noise



FLAPDISC SHAPE

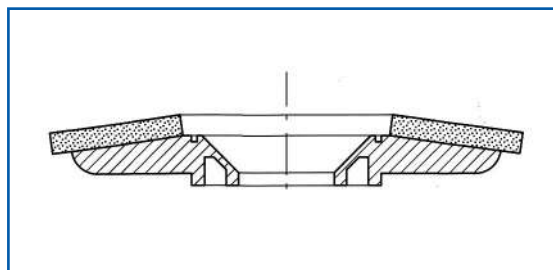
FLAT:

- to be used on flat
- good finishing



TAPERED:

- to be used on edges
- optimal contact surface



TECHNICAL SPECIFICATIONS AND APPLICATIONS

FLAPDISCS BACKING

- | | |
|----------------------|---|
| PLASTIC: | <ul style="list-style-type: none"> • good flexibility and finishing • universal application |
| FIBREGLASS: | <ul style="list-style-type: none"> • fast stock removal • does not scratch the workpiece |
| CARTON FIBRE: | <ul style="list-style-type: none"> • TAF patent • Eco - friendly • great flexibility |

FLAPDISCS CLOTH TYPES

- | | |
|--------------------|--|
| COTTON: | <ul style="list-style-type: none"> • high cutting speed • good performance at low working pressure |
| POLYCOTTON: | <ul style="list-style-type: none"> • long working life • suitable for heavy-duty applications at medium and high working pressures |

ABRASIVES

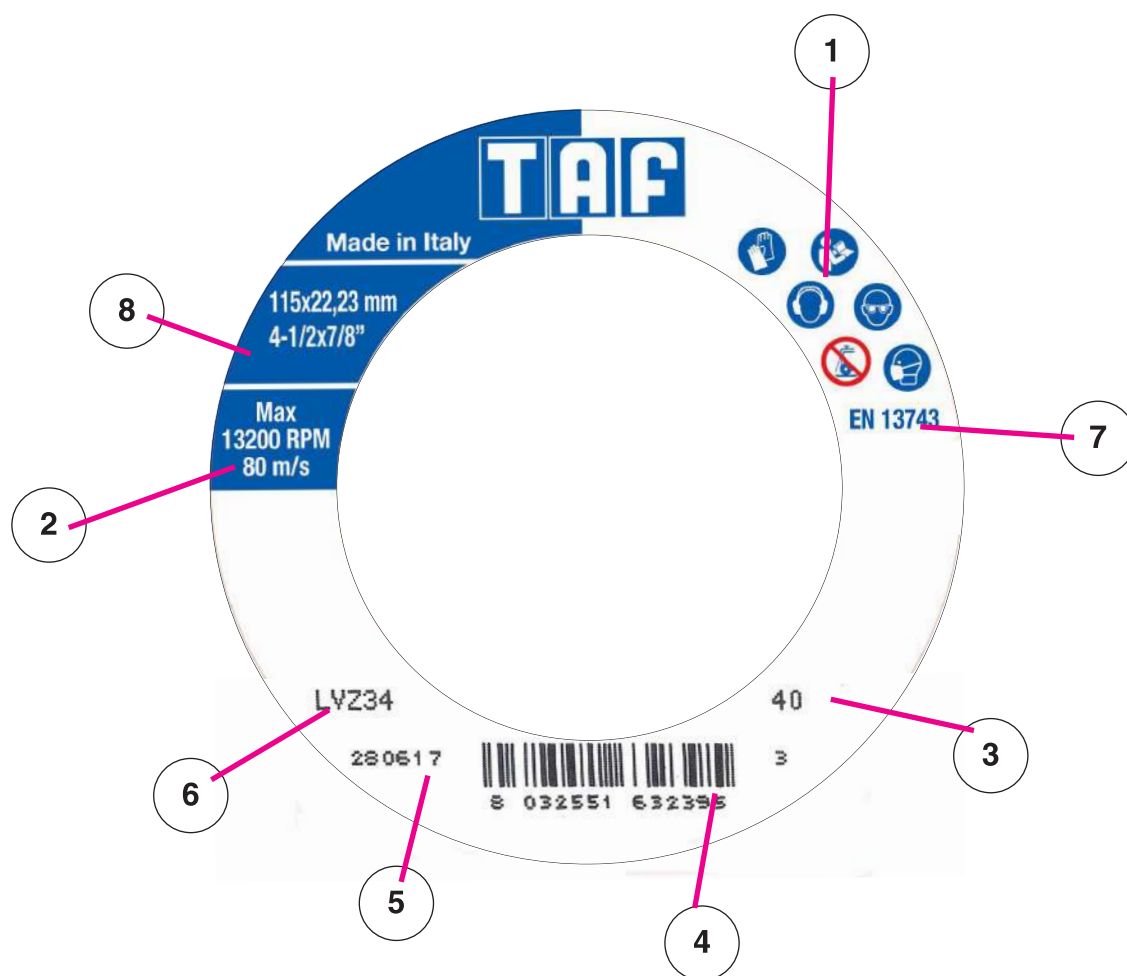
- | | |
|--------------------------|--|
| ALUMINIUM OXIDE: | <ul style="list-style-type: none"> • suitable for ferrous and non-ferrous metals, casting, wood and leather • good finishing |
| ZIRCONIUM: | <ul style="list-style-type: none"> • suitable for carbon steel, stainless steel, aluminium and titanium • high cutting speed |
| ZIRCO - CERAMIC: | <ul style="list-style-type: none"> • a unique blend of zirconium and ceramic grains developed by TAF lab • ideal for sintered alloys, stainless steel at medium working pressure |
| CERAMIC ABRASIVE: | <ul style="list-style-type: none"> • latest generation abrasive suitable for heavy-duty applications • it is indicated for very hard material at high working pressure |
| SILICON CARBIDE: | <ul style="list-style-type: none"> • suitable for non-ferrous metal, plastic, glass, marble and stone |

FLAPS DISPOSITION

- | | |
|---------------------|---|
| SINGLE FLAP: | <ul style="list-style-type: none"> • good finishing • reduced vibration |
| DOUBLE FLAP: | <ul style="list-style-type: none"> • aggressive cut • low clogging |

The products marked by the symbol ($< 0,1\% \text{ Fe, S, Cl}$) are iron, sulphur and chlorine free to prevent any contamination of the stainless steel and the materials on which they are used.

HOW TO READ THE FLAPDISC LABEL



LEGEND

1 Instructions for a safe use (pictograms)



Wear protective gloves



Wear protective goggles



Use proper ear protection



Wear dust mask



Do not use for wet grinding

2 Max RPM

3 Grit

4 Barcode

5 Batch number

6 Item number

7 European safety standards

8 Flapdisc size

FLAPDISCS WITH BONDED ABRASIVE FLAPS



PLASTIC BACKING

UNIVERSAL RANGE

PIC Line

- Polycotton cloth
- Double flap construction
- For applications on carbon steel



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
PIC71Z	115	22	●	●	●	●	2,78	20	13200
PIC81Z	125	22	●	●	●	●	3,29	20	12000

UNIVERSAL RANGE

CIP Line

- Cotton cloth
- Single flap construction
- For applications on stainless steel



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
CIP47Z	115	22	●	●	●	●	3,25	20	13200
CIP58Z	125	22	●	●	●	●	4,17	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
CIP46Z	115	22	●	●	●	●	3,25	20	13200
CIP57Z	125	22	●	●	●	●	4,17	20	12000

Aluminium oxide discs with flat shape, available upon request

FLAPDISCS WITH BONDED ABRASIVE FLAPS

PLASTIC BACKING

PROFESSIONAL RANGE

LN Line



- Cotton cloth
- Single flap construction
- For applications on carbon steel
- Medium working pressure

ALUMINIUM OXIDE DISCS - FLAT

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
LNA73	115	22	●	●	●	●	3,95	20	11000

LN Line



- Cotton cloth
- Single flap construction
- For applications on stainless steel
- Medium working pressure

ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
LNZ74	115	22	●	●	●	●	4,24	20	11000

PROFESSIONAL RANGE

LEODISC Line



- Cotton cloth
- Double flap construction
- For applications on carbon steel and stainless steel
- High working pressure
- Perfect mounting of these discs is achieved with nut M14165

ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
48Z	115	22	●	●	●	4,45	20	13200

FLAPDISCS WITH BONDED ABRASIVE FLAPS



PLASTIC BACKING

PROFESSIONAL RANGE

TRIMTAF Line

- Polycotton cloth
- Single flap construction
- For applications on stainless steel and carbon steel
- Top size coat - cool grinding
- Long working life
- Trimmable backing
- Medium working pressure



ZIRCO-CERAMIC DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
TRT53	115	22	●	●	●	4,25	20	13200
TRT63	125	22	●	●	●	5,01	20	12000

ZIRCO-CERAMIC DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
TRT54	115	22	●	●	●	4,25	20	13200
TRT64	125	22	●	●	●	5,01	20	12000

FLAPDISCS WITH BONDED ABRASIVE FLAPS

PLASTIC BACKING

PROFESSIONAL RANGE

EOLO Line



- Polycotton cloth
- Single flap construction
- For applications on stainless steel and carbon steel
- Ventilated plastic backing
- High working pressure

ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits		List Price Each	Packing	Max rpm
			60	40			
87Z	115	22	●	●	4,90	20	13200
85Z	125	22	●	●	5,95	20	12000
86Z	180	22		●	10,23	10	8500

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits		List Price Each	Packing	Max rpm
			60	40			
287ZI	115	22	●	●	4,90	20	13200
285ZI	125	22	●	●	5,95	20	12000

PROFESSIONAL RANGE

QUICK-CHANGE EOLO Line



- Polycotton cloth
- Single flap construction
- For applications on stainless steel and carbon steel
- Ventilated plastic backing
- Threaded bore M14 for quick changeover without locking nut

ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
EF92Z	115	M14	●	●	●	●	4,48	20	13200
EF94Z	125	M14	●	●	●	●	5,15	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
EF93ZI	115	M14	●	●	●	●	4,48	20	13200
EF95ZI	125	M14	●	●	●	●	5,15	20	12000

FLAPDISCS WITH BONDED ABRASIVE FLAPS



FIBREGLASS BACKING

UNIVERSAL RANGE

ZOOM FIBRE Line

- Polycotton cloth
- Single flap construction
- For applications on carbon steel



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
75Z	115	22	●	●	●	2,62	20	13200
77Z	125	22	●	●	●	3,08	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
76ZI	115	22	●	●	●	2,62	20	13200
78ZI	125	22	●	●	●	3,08	20	12000

UNIVERSAL RANGE

VEZ Line

- Cotton cloth
- Single flap construction
- For applications on carbon steel and stainless steel



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
VEZ35	115	22	●	●	●	3,08	20	13200
VEZ51	125	22	●	●	●	3,57	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
VEZ39	115	22	●	●	●	3,08	20	13200
VEZ52	125	22	●	●	●	3,57	20	12000

FLAPDISCS WITH BONDED ABRASIVE FLAPS

FIBREGLASS BACKING

PROFESSIONAL RANGE

LV Line



- Cotton cloth
- Single flap construction
- For applications on carbon steel
- Medium/low working pressure

ALUMINIUM OXIDE DISCS - FLAT

Item	Diameter mm	Bore mm	Grits					List Price Each	Packing	Max rpm
			120	80	60	40	36			
LVA33	115	22	●	●	●	●		3,32	20	13200
LVA41	125	22	●	●	●	●		3,94	20	12000
LVA65	180	22		●	●	●	●	6,92	10	8500

Discs with tapered shape are also available upon request

LV Line



- Cotton cloth
- Single flap construction
- For applications on stainless steel
- Medium/low working pressure

ZIRCONIUM OXIDE DISCS - FLAT

($< 0,1\%$ Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits					List Price Each	Packing	Max rpm
			120	80	60	40	36			
LVZ34	115	22	●	●	●	●		3,50	20	13200
LVZ42	125	22	●	●	●	●		4,14	20	12000
LVZ66	180	22		●	●	●	●	7,33	10	8500

ZIRCONIUM OXIDE DISCS - TAPERED

($< 0,1\%$ Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits					List Price Each	Packing	Max rpm
			120	80	60	40	36			
LVZ38	115	22	●	●	●	●		3,50	20	13200
LVZ44	125	22	●	●	●	●		4,14	20	12000
LVZ69	180	22		●	●	●	●	7,33	10	8500

Discs in diameter 100mm are available upon request

FLAPDISCS WITH BONDED ABRASIVE FLAPS



FIBREGLASS BACKING

PROFESSIONAL RANGE

LPZ Line - LONG WORKING LIFE

- Polycotton cloth
- Single flap construction
- For applications on carbon steel and forged metals
- Long durability
- High working pressure



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
LPZ1	115	22	●	●	●	3,35	20	13200
LPZ5	125	22	●	●	●	3,91	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
LPZ2	115	22	●	●	●	3,35	20	13200
LPZ6	125	22	●	●	●	3,91	20	12000
LPZ9	150	22	●	●	●	5,49	10	10200
LPZ18	180	22	●	●	●	7,30	10	8500

PROFESSIONAL RANGE

ALUTAF Line

- Cotton cloth
- Double flap construction
- Designed for applications on aluminium and non-ferrous metals
- Suitable for applications on mild steel and stainless steel
- Stereate top-size coat anti-clogging



ZIRCONIUM OXIDE DISCS - FLAT

Item	Diameter mm	Bore mm	Grits		List Price Each	Packing	Max rpm
			60	40			
ALU101	115	22	●	●	3,70	20	13200
ALU103	125	22	●	●	4,38	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

Item	Diameter mm	Bore mm	Grits		List Price Each	Packing	Max rpm
			60	40			
ALU102I	115	22	●	●	3,70	20	13200
ALU104I	125	22	●	●	4,38	20	12000

FLAPDISCS WITH BONDED ABRASIVE FLAPS

FIBREGLASS BACKING

PROFESSIONAL RANGE

LPT Line - ZIRCO-CERAMIC



- Polycotton cloth
- Single flap construction
- For applications on stainless steel, titanium and carbon steel
- Top size coat - cool grinding
- Long working life
- High working pressure
- Medium duty

ZIRCO-CERAMIC DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
LPT3	115	22	●	●	●	●	4,24	20	13200
LPT7	125	22	●	●	●	●	4,98	20	12000

ZIRCO-CERAMIC DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
LPT4I	115	22	●	●	●	●	4,24	20	13200
LPT8I	125	22	●	●	●	●	4,98	20	12000

PROFESSIONAL RANGE

LPG Line - CERAMIC TOP



- Polycotton cloth
- Single flap construction
- For applications on sintered alloys, stainless steel, inconel and carbon steel
- Top size coat - cool grinding
- Long working life
- Excellent performance at very high working pressure
- Heavy duty

CERAMIC DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			80	60	40	36			
LPG13	115	22	●	●	●	●	4,55	20	13200
LPG16	125	22	●	●	●	●	5,32	20	12000

CERAMIC DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			80	60	40	36			
LPG14I	115	22	●	●	●	●	4,55	20	13200
LPG17I	125	22	●	●	●	●	5,32	20	12000

FLAPDISCS WITH BONDED ABRASIVE FLAPS



CARTON FIBRE BACKING

UNIVERSAL RANGE

BIOTAF Line

- Cotton cloth
- Single flap construction
- For applications on carbon steel
- Patented backing pad in extremely eco-friendly carton fibre



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
LB11Z	115	22	●	●	●	2,88	20	13200
LB21Z	125	22	●	●	●	3,44	20	12000

ZIRCONIUM OXIDE DISCS - TAPERED

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits			List Price Each	Packing	Max rpm
			80	60	40			
LB15Z	115	22	●	●	●	2,88	20	13200
LB25Z	125	22	●	●	●	3,44	20	12000

BACKING PADS

Pads for item BIOTAF which turn the disc into a more aggressive and direct tool.
Without PBIO: vibration dampening, soft approach, more comfort.
With PBIO: a more aggressive approach, faster stock removal, improved performance.



Item	Description	List Price Each	Packing	Suitable for
PBIO67	pad diam. 67 mm	1,29	1	angle grinders M14
PBIO58	pad diam. 67 mm	1,29	1	angle grinders 5/8

PROFESSIONAL RANGE



CLASSIC Line

- Cotton cloth
- Double flap construction
- For applications on carbon steel

ALUMINIUM OXIDE DISCS - FLAT

Item	Diameter mm	Bore mm	Grits	List Price Each	Packing	Max rpm
			320 220 180 150 120 100 80 60 50 40 36			
43A	110	22	• • • • • • • • • •	6,95	20	11000
126A*	165	22	• • • • •	12,79	10	6800



CLASSIC Line

- Cotton cloth
- Double flap construction
- For applications on stainless steel and carbon steel

ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits	List Price Each	Packing	Max rpm
			320 220 180 150 120 100 80 60 50 40 36			
61Z	110	22	• • • • • • • •	7,42	20	11000
114Z*	165	22	• • • • •	13,90	10	6800



CLASSIC Line

- Cotton cloth
- Double flap construction
- For applications on marble, stones and glass

SILICON CARBIDE DISCS - FLAT

Item	Diameter mm	Bore mm	Grits	List Price Each	Packing	Max rpm
			320 220 180 150 120 100 80 60 50 40 36			
43CS	110	22	• • • • • • • •	7,44	20	11000
126C*	165	22	• • • • • • • •	13,38	10	6800

*For safety reasons the items 126A, 114Z, 126C must be always used with P165 backing pad.

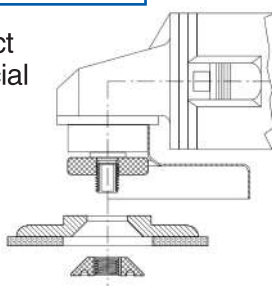
MOUNTING DISCS Ø 110 mm

To ensure quick and perfect mounting of the discs special conical nuts are available.

Backing flange

Disc Ø110 mm

Nut M14110



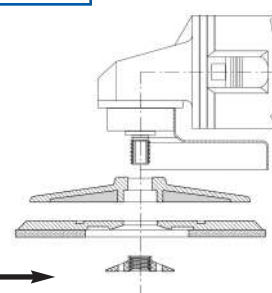
MOUNTING DISCS Ø 165 mm

Discs Ø 165 mm must always be used with a backing pad.

Pad 165

Disc Ø165 mm

Nut M14165



FLAPDISCS WITH ABRASIVE FLAP INSERTS



PLASTIC BACKING

UNIVERSAL RANGE

DL Line

- Cotton cloth
- Double flap construction
- For applications on carbon steel and aluminium



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
DL112	110	22	●	●	●	●	6,77	20	11000
DL172	170	22		●	●	●	12,26	10	7000

PROFESSIONAL RANGE

QUICK-CHANGE Line

- Cotton cloth
- Double flap construction
- For applications on carbon steel
- Threaded bore M14 for quick changeover without locking nut



ALUMINIUM OXIDE DISCS - FLAT

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
LFA31	110	M14	●	●	●	●	7,79	20	11000

QUICK-CHANGE Line

- Cotton cloth
- Double flap construction
- For applications on stainless steel and carbon steel
- Threaded bore M14 for quick changeover without locking nut



ZIRCONIUM OXIDE DISCS - FLAT

(< 0,1% Fe, S, Cl)

Item	Diameter mm	Bore mm	Grits				List Price Each	Packing	Max rpm
			120	80	60	40			
LFZ32	110	M14	●	●	●	●	8,31	20	11000

BACKING PADS AND LOCKING NUTS

Item	Description	List Price Each	Packing	Suitable for
M14110	nut M14	9,24	1	43A - 61Z - 43CS - DL112
M14165	nut M14	9,37	1	48Z - 126A - 114Z - 126C - DL172
P165	plastic pad diam. 145 mm	3,44	1	126A - 114Z - 126C
PB140	fibreglass pad diam. 145 mm	2,91	1	126A - 114Z - 126C

Flapwheels



**Flapwheels
on shaft**

**Quick-change
flapwheels**

**Flapwheels
with bore**

TECHNICAL SPECIFICATIONS AND APPLICATIONS

TAF range of flapwheels include:

FLAPWHEELS WITH BORE

Traditional flapwheels with bore, made up of flaps of abrasive cloth arranged radially and held by a pair of metal flanges. Flapwheels mounting is carried out by the reduction flanges on portable grinders or stationary grinding machines.

QUICK-CHANGE FLAPWHEELS

Smaller in diameter and equipped with a threaded hub, which allows them to be quickly mounted on angle grinders.

FLAPWHEELS ON SHAFT

With an even smaller diameter, flapwheels on shaft are fitted with a central steel shank, which allows the mounting on the spindles of portable electric or pneumatic machines and flexible shaft grinders.

Thanks to their structure, flapwheels work without clogging, without heating and therefore without deformation of even thin pieces. Furthermore, the quality of the surfaces obtained remains constant until the wheel is completely worn and the finishing degree is uniform.

GRIT SELECTION

With an appropriate grit selection, all roughing, cleaning and finishing operations can be carried out with flapwheels.

It is important to note that, when compared to abrasive belts, the grain of a flapwheel must be slightly coarser to obtain an equivalent finishing degree.

The abrasive action of the selected grit is significantly influenced by the rotation speed: in order to improve the finishing degree, with the same grit, the speed must be increased. To improve the cutting efficiency it may be advisable to adopt a finer grit by decreasing the speed.

ABRASIVES

- | | |
|-------------------------|--|
| ALUMINIUM OXIDE: | <ul style="list-style-type: none"> • suitable on steel, cast iron and metals in general. • good finishing. |
| ZIRCONIUM OXIDE: | <ul style="list-style-type: none"> • ideal on inox and hard alloys. • aggressive and fast cut. |
| SILICON CARBIDE: | <ul style="list-style-type: none"> • suitable on marble, granite and other natural stones. |

FLAPWHEELS ON SHAFT



METAL RANGE "X"

Flapwheels on shaft are designed for use on portable electric, pneumatic and flexible shaft machines for grinding and finishing operations on all types of metallic materials. They are suitable for internal and external pipe finishing, or for small components and for intricate surfaces. These products are made with heavy cotton cloth (X backing) to ensure a fast and aggressive cutting.



FLAPWHEELS IN ALUMINIUM OXIDE CLOTH (X backing) item RG17

Diameter mm	Width mm	Shaft Ø mm	List Price Each					Packing	Max rpm
			220	120	80	60	40		
30	10	6	2,99	2,92	2,91	2,91	2,91	25	25500
30	15	6	3,08	3,01	3,00	3,00	3,00	25	25500
30	20	6	3,21	3,09	3,06	3,06	3,06	25	25500
40	15	6	3,47	3,32	3,26	3,21	3,21	25	19100
40	20	6	3,66	3,49	3,43	3,34	3,34	25	19100
40	30	6	4,11	3,97	3,72	3,58	3,58	25	19100
50	20	6	4,18	3,95	3,83	3,72	3,72	25	15300
50	30	6	4,85	4,47	4,30	4,16	4,16	25	15300
60	15	6	4,47	4,14	4,03	3,87	3,87	25	12750
60	20	6	4,99	4,50	4,36	4,32	4,32	25	12750
60	30	6	6,07	5,36	5,12	5,09	5,09	25	12750
60	40	6	7,06	6,10	5,77	5,65	5,65	25	12750
80	30	6	8,40	7,05	6,78	6,64	6,64	25	9550
80	50	6	12,06	10,04	9,33	9,11	9,11	25	9550

Other dimensions are available upon request

MOUNTING FLAPWHEELS WITH SHAFT

Warning!

Shaft overhang from the collet must not exceed 5mm.

FLEX RANGE "XF"



This range of flapwheels are made in aluminium oxide semiflexible cotton cloth (XF backing). They are designed for grinding, deburring and polishing of intricate surfaces, small components, external pipe finishing.

FLAPWHEELS IN ALUMINIUM OXIDE CLOTH (XF backing) item RGF10

Diameter mm	Width mm	Shaft Ø mm	List Price Each					Packing	Max rpm
			220	120	80	60	40		
25	10	6	3,07	3,07	3,07	3,07	3,07	10	30500
25	15	6	3,11	3,11	3,11	3,11	3,11	10	30500
30	15	6	2,85	2,81	2,74	2,74	2,74	10	25500
30	20	6	2,96	2,90	2,85	2,85	2,85	10	25500
40	15	6	3,16	2,96	2,96	2,90	2,90	10	19100
40	20	6	3,41	3,16	3,11	3,07	3,07	10	19100
50	20	6	3,87	3,66	3,60	3,50	3,50	10	15300
50	30	6	4,53	4,15	3,99	3,81	3,81	10	15300
60	15	6	4,15	3,77	3,77	3,60	3,60	10	12750
60	20	6	4,64	4,20	4,04	3,99	3,99	10	12750
60	30	6	5,67	4,97	4,74	4,68	4,68	10	12750
80	30	6	7,93	6,70	6,41	6,36	6,36	10	9550

MOUNTING FLAPWHEELS WITH SHAFT

Warning!

Shaft overhang from the collet must not exceed 5mm.

FLAPWHEELS ON SHAFT



INOX RANGE "X"

These flapwheels are used on portable electric, pneumatic and flexible shaft grinders.

They are suitable to be used on small and intricate surfaces.

They are manufactured with zirconium cloth and are particularly suitable for processing stainless steel.



FLAPWHEELS IN ZIRCONIUM OXIDE CLOTH (X backing) item **RGZ59** (< 0,1% Fe, S, Cl)

Diameter mm	Width mm	Shaft Ø mm	List Price Each			Packing	Max rpm
			80	60	40		
30	20	6	3,43	3,43	3,43	10	25500
40	20	6	3,76	3,67	3,67	10	19100
50	20	6	4,36	4,23	4,23	10	15300
50	30	6	4,81	4,64	4,64	10	15300
60	30	6	5,72	5,66	5,66	10	12750
80	30	6	7,76	7,71	7,71	10	9550

MOUNTING FLAPWHEELS WITH SHAFT

Warning!

Shaft overhang from the collet must not exceed 5mm.

METAL RANGE



These products are used on portable angle grinders.

Suitable for removing welds on irregular surfaces, for pipes finishing and rust removal. They are equipped with M14 threaded bore to be mounted on angle grinders.

FLAPWHEELS IN ALUMINIUM OXIDE CLOTH item **RLM14**

Diameter mm	Width mm	Bore	Grits				List price each	Packing	Max rpm
			120	80	60	40			
115	20	M14	●	●	●	●	20,67	5	13200
125	20	M14	●	●	●	●	21,93	5	12000

INOX RANGE



These products are used on portable angle grinders.

Suitable for removing welds on irregular surfaces.

Ideal for pipes finishing.

Recommended for applications on stainless steel.

Equipped with M14 threaded bore to be mounted on angle grinders.

FLAPWHEELS IN ZIRCONIUM OXIDE CLOTH item **RLZM14** (< 0,1% Fe, S, Cl)

Diameter mm	Width mm	Bore	Grits				List price each	Packing	Max rpm
			120	80	60	40			
115	20	M14	●	●	●	●	23,70	5	13200
125	20	M14	●	●	●	●	25,14	5	12000

FLAPWHEELS WITH BORE



METAL RANGE

Suitable for portable and stationary grinders on stainless steel, special alloys and non-ferrous metals. Reduction flanges are also available to adapt the flapwheel bore to the mounting spindle diameter.
RL54 flapwheels are made with cloth item TA10 (XF backing).



FLAPWHEELS IN ALUMINIUM OXIDE item RL54

diameter **165**mm - width **30**mm - bore 54mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50	40
33,87	32,58	32,11	31,93	31,20	29,70	29,59	28,76	26,60	25,70	24,52	23,65

Packing 5 - Max rpm 5700

FLAPWHEELS IN ALUMINIUM OXIDE item RL54

diameter **165**mm - width **50**mm - bore 54mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50	40
49,84	47,76	46,82	46,44	45,26	42,75	42,26	41,06	37,43	35,88	33,85	32,37

Packing 3 - Max rpm 5700

FLAPWHEELS IN ALUMINIUM OXIDE item RL54

diameter **200**mm - width **50**mm - bore 54mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50	40
62,67	62,23	60,73	59,98	56,96	54,56	51,40	50,53	47,71	44,89	43,66	40,73

Packing 3 - Max rpm 4700

FLAPWHEELS IN ALUMINIUM OXIDE item RL54

diameter **250**mm - width **50**mm - bore 101mm

List Price Each

320	280	240	220	180	150	120	100	80	60	50
113,83	108,94	103,62	102,95	99,63	94,37	93,35	88,15	82,41	78,14	74,31

Packing 3 - Max rpm 3800

METAL RANGE

FLAPWHEELS IN ALUMINIUM OXIDE item RL54

diameter **300**mm - width **50**mm - bore 101mm

List Price Each

320	240	220	180	150	120	100	80	60	50
138,99	126,08	125,23	121,01	114,39	113,15	106,58	99,37	93,96	89,19

Packing 3 - Max rpm 3100

FLAPWHEELS IN ALUMINIUM OXIDE item RL54

diameter **300**mm - width **75**mm - bore 101mm

List Price Each

320	240	220	180	150	120	100	80	60	50
203,20	182,62	181,34	175,01	165,09	163,15	153,35	142,43	134,33	127,14

Packing 2 - Max rpm 3100

MARBLE RANGE



Flapwheels in flexible silicon carbide cloth, suitable for grinding and finishing of marbles and stones.

FLAPWHEELS IN SILICON CARBIDE CLOTH item RLC53

diameter **165**mm - width **30**mm - bore 54mm

List Price Each

320	180	150	120	100	80	60
35,59	32,77	31,20	31,10	30,19	27,92	26,99

Packing 5 - Max rpm 5700

FLANGES FOR FLAPWHEELS WITH BORE

REDUCING FLANGES IN PLASTIC item FLR

Wheel Bore mm	Reduced Bore mm	List Price Pair	Packing	Suitable for Wheels Ø mm
54	10 - 12 - 14 - 16 - 20 - 25 - 30	11,40	1 pair	165 - 200

REDUCING FLANGES IN ALUMINIUM item KF18

Wheel Bore mm	Reduced Bore mm	List Price Pair	Packing	Suitable for Wheels Ø mm
101	25	115,69	1 pair	250 - 300

Fibre discs



**Resin fibre
discs**

**Semiflexible
discs**

BACKING

Vulcanized fibre thickness 0,8mm

The vulcanized fibre is made by a multilayer cellulose. It is a strong backing suitable for the production of resin fibre discs to be used on portable grinders.

BONDING

Phenolic resins are used to secure the abrasive grits to the backing. Resins are thermosetting and therefore highly resistant to mechanical stress typical of grinding and finishing applications.

ABRASIVES

ALUMINIUM OXIDE:

- Multipurpose abrasive mineral for a wide range of applications, suitable on ferrous and non ferrous-metals, wood and leather.

ZIRCONIUM OXIDE:

- Very aggressive at high working pressure; suitable on carbon steel, stainless steel, aluminium, titanium. Cool grind. Auto-dress power.

CERAMIC ABRASIVE:

- Microcrystal structure, auto-dress power at high working pressure. High stock removal suitable on: high tensile and special materials, forged metals, sintered alloys, cast iron, aluminium.

SILICON CARBIDE:

- Very sharp and hard, suitable on non-ferrous metals, plastic materials, glass, marbles and stones.

BORES LEGEND

+ : cross bore

O : round bore

Reference (<0,1 % Fe, S, Cl) identifies products which are free of iron oxide, sulphur and chlorine, avoiding oxidation of the worked piece.

VULCANIZED FIBRE DISCS



TECHNICAL SPECIFICATIONS AND APPLICATIONS

DA81 ALUMINIUM OXIDE FIBRE DISCS

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin
Abrasive: aluminium oxide
Grits: 120-100-80-60-50-36-24-16

Applications:

Multipurpose fibre discs for any steel work, grinding applications on car body.

DZ73 ZIRCONIUM OXIDE FIBRE DISCS

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin
Abrasive: zirconium oxide
Grits: 80-60-50-36-24

Applications:

Excellent grinding performances are achievable with these discs. The zirconium mineral ensures an high stock removal rate and cool grinding operations even with high working pressures. DZ73 discs are ideal for professional applications on carbon steel and aluminium.

DG67TOP CERAMIC ABRASIVE FIBRE DISCS WITH TOP SIZE COAT

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin + Top size coat
Abrasive: ceramic abrasive
Grits: 120-100-80-60-50-36

Applications:

Top performance fibre disc ideal for heavy duty applications on stainless steel, exotic metals, forged metals, cast iron and aluminium.

DC82 SILICON CARBIDE FIBRE DISCS

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin
Abrasive: silicon carbide
Grits: 400-320-280-220-180-150-120-100-80-60-50-36-24-16

Applications:

Fibre disc suitable for applications on marbles, stones, glass, non-ferrous metals and plastic materials.

METAL RANGE



Multipurpose fibre discs for any steel work, grinding applications on car body.

To be mounted on portable grinder with suitable backing pad and locking nut.

ALUMINIUM OXIDE DISCS item DA81T

Diameter mm	Bore mm	List Price per Disc								Packing	Max rpm
		120	100	80	60	50	36	24	16		
115	22 +	0,88	0,88	0,88	0,89	0,96	0,98	1,01		100	13200
125	22 +	1,01	1,01	1,01	1,02	1,03	1,12	1,14		100	12000
180	22 +	1,71	1,71	1,71	1,76	1,83	1,91	1,96	2,14	100	8500

ZIRCONIUM RANGE



Excellent grinding performances are achievable with these discs. DZ73 discs are suitable for any application on mild steel and aluminium.

To be mounted on portable grinder with suitable backing pad and locking nut.

ZIRCONIUM OXIDE DISCS item DZ73T

(< 0,1% Fe, S, Cl)

Diameter mm	Bore mm	List Price per Disc					Packing	Max rpm
		80	60	50	36	24		
115	22 +	0,99	1,02	1,06	1,15	1,18	100	13200
125	22 +	1,12	1,15	1,23	1,31	1,33	100	12000
180	22 +	1,90	1,95	2,06	2,20	2,24	100	8500

CERAMIC TOP RANGE

Superior quality disc designed for heavy duty applications on stainless steel, sintered alloys and aluminium. Top coat ensures aggressive stock removal and an always cool grinding.

Recommended to be mounted with **TURBO** backing pad on powerful portable grinders >1000 watt.



CERAMIC ABRASIVE DISCS WITH TOP SIZE COAT item DG67TOP

(< 0,1% Fe, S, Cl)

Diameter mm	Bore mm	List Price per disc							Packing	Max rpm
		120	100	80	60	50	36	24		
115	22 +	1,16	1,16	1,22	1,32	1,40	1,63	1,63	100	13200
125	22 +	1,32	1,32	1,38	1,48	1,61	1,85	1,85	100	12000
180	22 O	2,47	2,47	2,59	2,79	3,02	3,52	3,52	100	8500

MARBLE RANGE

Fibre disc suitable for applications on marbles, stones, plastic, fibreglass and building materials, etc.

To be mounted on portable grinder with suitable backing pad and locking nut.



SILICON CARBIDE DISCS item DC82

Diameter mm	Bore mm	List Price per disc														Packing	Max rpm
		400	320	280	220	180	150	120	100	80	60	50	36	24	16		
115	22 +		0,92		0,92	0,92	0,92	0,92		0,92	0,96		1,01	1,05		100	13200
125	22 +		1,04		1,04	1,04	1,04	1,04		1,04	1,05		1,13	1,17		100	12000
180	22 O	1,76	1,76	1,76	1,76	1,76	1,76	1,76	1,76	1,76	1,79	1,84	1,92	2,00	2,22	100	8500

BACKING PADS AND LOCKING NUTS

Item	Description	List Price Each	Packing	Suitable for Discs Ø mm
KS22B	pad ø 104 mm	8,74	1	115
KA2	nut M14	6,87	1	115
KS23B	pad ø 116 mm	10,58	1	125
KA1	nut M14	6,87	1	125
KS24B	pad ø 171 mm	19,85	1	180
KA1	nut M14	6,87	1	180
KS28 <i>TURBO</i>	pad ø 107 mm	18,67	1	115
KA3	nut M14	12,01	1	115
KS29 <i>TURBO</i>	pad ø 117 mm	22,23	1	125
KA3	nut M14	12,01	1	125
KS30 <i>TURBO</i>	pad ø 172 mm	37,23	1	180
KA1	nut M14	6,87	1	180

FIBRE DISCS HOLDER



Indispensable accessory for a proper fibre discs stocking in order to prevent any possible deformation. Suitable for all diameters.

Item	List Price Each	Suitable for Items
SDF21	18,64	DA81 - DZ73 - DG67TOP - DC82

SEMIFLEXIBLE DISCS

SILICON CARBIDE SEMIFLEXIBLE DISCS – GRITS

Item	Grits					
	120	80	60	36	24	16
DSF115		●	●	●	●	●
DSF125		●	●	●	●	●
DSF180	●	●	●	●	●	●

Silicon Carbide semiflexible discs are suitable for applications on marbles, stones, concrete and building materials. The special shape of these discs prevents clogging phenomena and ensures a low heat generation.



SILICON CARBIDE SEMIFLEXIBLE DISCS

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM
DSF115	115	22	4,10	25	13200
DSF125	125	22	4,49	25	12000
DSF180	180	22	5,60	25	8500

BACKING PADS AND LOCKING NUTS

Item	Description	List Price Each	Packing	Suitable for Discs Ø mm
KS25	pad ø 115 mm	4,85	1	115
KA1	nut M14	6,87	1	115
KS26	pad ø 125 mm	4,85	1	125
KA1	nut M14	6,87	1	125
KS27	pad ø 174 mm	5,43	1	180
KA1	nut M14	6,87	1	180

Abrasive papers



Rolls

Sheets

Velcro discs

Velcro rolls

Velcro sheets

TECHNICAL SPECIFICATIONS AND APPLICATIONS

PAPER BACKING

Backing	gr/m ²	Features
A	75-90	Light and flexible backings suitable for manual sanding and finishing applications.
B	90-120	
C	120-150	Medium weight backings suitable for manual sanding and for applications with orbital sanders.
D	150-200	
E	200-250	Heavy weight backings, suitable for manual and mechanical sanding.
F	> 250	

BONDINGS

Urea and phenolic resins are used to secure the abrasive grits to the backing. Resins are thermosetting and therefore highly resistant to humidity and to heat generation.

To enhance the features of some abrasive papers the resins are filled with cooling agents or clogging limiters.

ABRASIVES

- ALUMINIUM OXIDE:**
- Multipurpose abrasive mineral for a wide range of applications, suitable on ferrous and non ferrous-metals, wood and leather.
- SILICON CARBIDE:**
- Very sharp and hard, suitable on marbles, stones, non-ferrous metals, plastic materials and glass.

COATING

Close coat : 100% grain coverage of the backing.

Open coat : 60% grain coverage of the backing. Paper products made in open coat are more flexible and ensure low clogging phenomena compared to close coat products.

ABRASIVE PAPER



TECHNICAL SPECIFICATIONS AND APPLICATIONS

CF53 ALUMINIUM OXIDE PAPER OPEN COAT

Technical specifications:

Backing: C - weight paper 120g/m²
Bonding: resin over resin
Coating: semi-open coat
Abrasive: white aluminium oxide
Grits: 180-150-120-100-80-60-40

Applications:

Suitable for manual sanding of wood, paints and fillers.
Universal use.
Dry use.

CA76 WET AND DRY ALUMINIUM OXIDE RESIN PAPER

Technical specifications:

Backing: C - weight latex paper 120g/m²
Bonding: resin over resin
Coating: close coat
Abrasive: semi-friable aluminium oxide
Grits: 400-320-280-240-220-180-150-120-100-80-60-40

Applications:

Very flexible multipurpose product suitable for manual sanding and for orbital sanders. Ideal for wood, paints and fillers.
Wet and dry use.

CS78 STEARATE ALUMINIUM OXIDE RESIN PAPER

Technical specifications:

Backing: C - weight latex paper 120g/m²
Bonding: resin over resin + stearate
Coating: open coat
Abrasive: semi-friable aluminium oxide
Grits: 500-400-320-220-180-150-120-100-80

Applications:

Product with anti-clogging properties. Suitable for manual sanders and for orbital sanders. Finishing of fillers and paints.
Dry use only.

CR57 ALUMINIUM OXIDE RESIN PAPER

Technical specifications:

Backing: F - weight paper 270g/m²
Bonding: resin over resin
Coating: semi-open
Abrasive: aluminium oxide (blue fire-treated)
Grits: 150-120-100-80-60-40

Applications:

Manual and mechanical sanding of wood, hard woods and mild steel. Suitable on planetary and orbital sanders.
Dry use only.

CC23 SILICON CARBIDE RESIN PAPER

Technical specifications:

Backing: E - weight paper 240g/m²
Bonding: resin over resin
Coating: close coat
Abrasive: silicon carbide
Grits: 800-600-500-400-320-220-180-150-120-100-80-60-40

Applications:

Sanding of marbles, natural stones, fiberglass and glass.
Suitable on planetary sanders.
Dry use only.

CW51 SILICON CARBIDE WATERPROOF PAPER

Technical specifications:

Backing: A - weight latex paper 70g/m²
C - weight latex paper 120g/m²
Bonding: resin over resin
Coating: close coat
Abrasive: silicon carbide
Grits: 1000-800-600-500-400-360-320-280-240-220-180-150-120

Applications:

Manual sanding on painted wood, fillers and paint.
Widely used on car bodies.
Wet and dry use.



Suitable for manual sanding of wood, paints and fillers.
 Universal use.
 Dry use

ALUMINIUM OXIDE PAPER OPEN COAT item CF53

Width mm	Length m	List Price per Roll				Packing
		180-150-120-100	80	60	40	
115	50	36,29	41,51	47,81	57,67	1



Multipurpose product suitable for manual sanding and for orbital sanders.
 Ideal for wood, paints and fillers.
 Wet and dry use.

WET AND DRY ALUMINIUM OXIDE PAPER item CA76

Width mm	Length m	List Price per Roll				Packing
		400-320-280-240	220-180-150-120-100	80	60	40
115	100	98,33	98,33			1
115	50			54,44	61,10	76,78
115	5		6,23	6,45	7,11	8,62



Manual and mechanical sanding of wood, hard woods and mild steel.
 Suitable on planetary and orbital sanders.
 Dry use only.

ALUMINIUM OXIDE RESIN PAPER item CR57

Width mm	Length m	List Price per Roll				Packing
		150-120-100	80	60	40	
115	50	61,26	66,70	76,22	96,83	1
115	5	7,13	7,67	8,58	10,58	10

SHEETS OF ABRASIVE PAPER



Suitable for manual sanding of wood, paints and fillers.
Universal use.
Dry use



ALUMINIUM OXIDE PAPER OPEN COAT item CF53

Width mm	Length mm	List Price per Sheet			
		50 pcs per box			
		180-150-120-100	80	60	40
230	280	0,42	0,47	0,55	0,67

Multipurpose product suitable for manual sanding and for orbital sanders.
Ideal for wood, paints and fillers.
Wet and dry use.



WET AND DRY ALUMINIUM OXIDE PAPER item CA76

Width mm	Length mm	List Price per Sheet			
		100 pcs per box	50 pcs per box		
		400-320-280-240-220-180-150-120-100	80	60	40
230	280	0,61	0,67	0,73	0,92

Manual sanding on painted wood, fillers and paint.
Widely used on car bodies.
Wet and dry use.



SILICON CARBIDE WATERPROOF PAPER item CW51

Width mm	Length mm	List Price per Sheet			
		100 pcs per box			
		1000-800-600-500-400-360-320-280-240-220	180	150	120
230	280	0,70	0,74	0,83	0,87



Sanding of wood, paints and fillers.

Discs must be mounted on a pad for velcro discs and used with orbital sanders.

ALUMINIUM OXIDE RESIN PAPER item CA76V

Diameter mm	Holes	List Price per disc			
		50 pcs per box			
		120-100	80	60	40
125	8	0,40	0,41	0,42	0,47
150	plain	0,53	0,54	0,56	0,65
150	6	0,54	0,55	0,57	0,65
150	8 + 1	0,54	0,55	0,57	0,65



Finishing of fillers and paints.

Product with anti-clogging properties.

Discs must be mounted on a pad for velcro discs and used with orbital sanders.

STEREATE ALUMINIUM OXIDE RESIN PAPER item CS78V

Diameter mm	Holes	List Price per disc		
		100 pcs per box 500-400-320-220-180-150	50 pcs per box	
			120	80
125	8	0,42	0,45	0,48
150	plain	0,57	0,58	0,65
150	6	0,57	0,58	0,65
150	8 + 1	0,57	0,58	0,65
150	8 + 6 + 1	0,57	0,58	0,65

VELCRO DISCS

Sanding of wood, hard woods and mild steel.

Discs must be mounted on a pad for velcro discs and used with orbital sanders.



ALUMINIUM OXIDE RESIN PAPER item CR57V

Diameter mm	Holes	List Price per disc				
		50 pcs per box				
		120	100	80	60	40
115	plain	0,38		0,39	0,41	0,45
125	plain	0,41		0,42	0,45	0,50
125	8	0,42	0,42	0,44	0,46	0,51
150	plain	0,56	0,56	0,59	0,66	0,72
150	6	0,57	0,57	0,59	0,67	0,73
150	8 + 1	0,57	0,57	0,59	0,67	0,73

Sanding of marbles, natural stones, fiberglass and glass.

Discs must be mounted on a pad for velcro discs and used with orbital sanders.



SILICON CARBIDE RESIN PAPER item CC23V

Diameter mm	Holes	List Price per disc				
		100 pcs per box	50 pcs per box			
		800-600-500-400-320-220-180-150	120-100	80	60	40
115	plain	0,39	0,40	0,40	0,41	0,44
125	plain	0,44	0,44	0,46	0,46	0,48
150	plain	0,60	0,60	0,65	0,65	0,69
180	plain	0,80	0,80	0,82	0,83	0,88



Pads are used to fix the velcro discs and have to be mounted on planetary or orbital sanders.

PADS FOR VELCRO DISCS FOR ORBITAL SANDERS

Item	Diameter mm	Holes	Mounting	List Price Each	Packing	Max rpm
PVO125-8F	125	8	5/16"	36,98	1	12000
PVO150	150	plain	*	41,59	1	12000
PVO150-6F	150	6	*	41,59	1	12000
PVO150-9F	150	8 + 1	*	53,71	1	12000
PVU150-15F	150	8 + 6 + 1	*	56,41	1	12000

* These pads are supplied with 5/16", M8 mounting and ring drive.

PADS FOR VELCRO DISCS FOR PLANETARY SANDERS

Item	Diameter mm	Holes	Mounting	List Price Each	Packing	Max rpm
PVG115	115	plain	M14	34,28	1	12000
PVG125	125	plain	M14	41,59	1	12000

FITTINGS

Item	Description	List Price Each	Packing
K14T	spindle for drilling machine	2,33	1
K14R	spindle for random orbital sander	2,33	1

SOFT PADS FOR VELCRO DISCS FOR PLANETARY SANDERS

Item	Diameter mm	Holes	Mounting	List Price Each	Packing	Max rpm
PVR115	115	plain	M14	40,14	1	12000
PVR125	125	plain	M14	40,91	1	12000
PVR150	150	plain	M14	43,37	1	12000
PVR180	180	plain	M14	53,30	1	12000

VELCRO ROLLS

Sanding of wood, paints and fillers.
To be mounted on orbital sanders with velcro buffer.



ALUMINIUM OXIDE RESIN PAPER item CA76V

Width mm	Length m	List Price per roll				Packing
		120-100	80	60	40	
80	25	36,49	37,30	39,78	45,69	1
115	25	49,93	51,04	54,57	62,81	1

Finishing of fillers and paints.
Product with anti-clogging properties.
To be mounted on orbital sanders with velcro buffer.



STEREATE ALUMINIUM OXIDE RESIN PAPER item CS78V

Width mm	Length m	List Price per roll					Packing
		400	320	220	180	150	
80	25	38,61	38,61				1
115	25	54,75	54,75	54,75	54,75	54,75	1

VELCRO SHEETS

Finishing of fillers and paints.
Product with anti-clogging properties.
To be mounted on orbital sanders with velcro buffer and vacuum system.



STEREATE ALUMINIUM OXIDE RESIN PAPER item CS78V

Width mm	Length mm	Holes	List Price per Sheet	Packing
			220-180-150-100	
115	230	10	0,71	100

Non-woven nylon fibre finishing and polishing



Rolls

Sheets

Discs

Flapwheels

**Blocks
and pads**

FINISHING
PRODUCTS

NON-WOVEN NYLON FIBRE “POLITAF”

TECHNICAL SPECIFICATIONS AND APPLICATIONS

Politaf is a non-woven nylon fibre product impregnated with resins and abrasive minerals.

TAF offers a wide range of products suitable for a broad range of applications. These products are mainly used for polishing and finishing operations on all types of metals. The elastic and flexible structure of these abrasive products allows to achieve superior finishing performances without damaging or modifying the original shape of the workpiece.

The open structure of these products grants even to inexperienced users an easy job without clogging phenomena.



GRITS “POLITAF”

Available abrasive grits:

- C:** coarse
- M:** medium
- F:** fine
- VF:** very fine
- UF:** ultra fine

NON-WOVEN NYLON FIBRE “POLITAF GREEN”



Politaf Green is a multipurpose non-woven nylon product for a broad range of applications. It offers a favorable price \ performance ratio. It is ideal for a wide range of polishing applications such as paint and rust removal, cleaning of worn surfaces on ferrous and non-ferrous metals, plastic, glass and fibreglass products. It is available in an UNiversal grit size only (UNI).



JUMBO ROLLS item 118V

Width mm	Thickness mm	List Price per Meter	Length in Meters
		UNI	
1500	6 ÷ 8	29,07	10

Sheets TP118V are suitable for polishing of a wide range of materials. For hand applications and orbital sanders.



SHEETS item TP118V

Width mm	Length mm	List Price per Sheet	Packing
		UNI	
120	280	1,05	20

NON-WOVEN NYLON FIBRE "POLITAF"



118 is an open structure aluminium oxide non-woven nylon fibre. It is used for light deburring and satinizing of metals with a low stock removal. Water and oil resistant.

JUMBO ROLLS item 118

Width mm	Thickness mm	List Price per Meter				Available lengths in meters
		C/UF	A/VF	A/F	A/M	
1500	5 ÷ 7	49,00				10 - 20 - 40
1500	6 ÷ 8		40,31	41,52		10 - 20 - 40
1500	8 ÷ 10				60,12	10 - 30



Rolls of different dimensions are available. Suitable for hand applications and orbital sanders.

ROLLS item 118

Width mm	Length m	List Price per Roll				Packing
		C/UF	A/VF	A/F	A/M	
100	10	36,55	30,10	31,01	43,94	15
115	10	41,43	34,73	35,77	49,97	13

Other dimensions are available upon request



Sheets TP118 are available in dimension 120x280 mm, suitable for hand applications and orbital sanders, avoiding any material waste.

SHEETS item TP118

Width mm	Length m	List Price per Roll				Packing
		C/UF	A/VF	A/F	A/M	
120	280	1,48	1,34	1,38	1,69	20

NON-WOVEN NYLON FIBRE "POLITAF"



Politaf discs are available in several dimensions, for any satin finishing and polishing application.



DISCS item 118

Diameter mm	Bore mm	List Price per Disc				Packing
		C/UF	A/VF	A/F	A/M	
125	10	0,85	0,84	0,86	0,96	100
150	10	1,21	1,15	1,18	1,38	100
200	20	1,84	1,65	1,70	2,14	100
250	20	2,79	2,46	2,53	3,32	100
300	20	4,36	3,84	3,95	5,19	100

Other dimensions are available upon request

Flapwheels RL118 are suitable for polishing and satin finishing applications of metal surfaces.

Mounting on electrical machine's shaft requires a pair of reducing flanges.



FLAPWHEELS WITH BORE item RL118

Diameter mm	Width mm	Bore mm	List Price per Wheel			Packing	Max rpm
			A/VF	A/F	A/M		
200	50	76	44,03	44,03	46,08	3	2800

Other dimensions are available upon request

REDUCING FLANGES FOR FLAPWHEELS

REDUCING FLANGES IN PLASTIC item FLR

Wheel Bore mm	Available Reduced Bore mm	List Price Pair	Packing	Suitable for Wheels Ø mm
76	10 - 12 - 14 - 16 - 20 - 25 - 30	14,06	one pair	200

NON-WOVEN NYLON FIBRE "POLITAF DARK"



Politaf Dark is a non-woven nylon product impregnated with abrasive mineral. It is mainly used for rust removal, cleaning of worn surfaces, weld seams, moulds, etc. The flexible and elastic structure grants an exceptional cleaning performance without damaging or modifying the original shape of the workpiece. Suitable for stationary machines. Mandrels are required for mounting on portable machines.

DISCS WITH BORE item 119D

Diameter mm	Bore mm	Thickness mm	List Price per disc	Packing	Max rpm	Best rpm
100	10	13	6,86	10	6000	4000
150	10	13	11,04	10	4000	2800
200	12	13	16,85	10	4000	2800

MANDRELS

Item	Description	List Price Each	Packing
K10	mandrel for disc Ø 100 mm	4,27	1
K15	mandrel for disc Ø 150 mm	4,52	1



Item DV121 is used for paint and rust removal and cleaning of worn surfaces, both on wood and metal. It doesn't damage the surface of worked piece. To be used on angle grinders with variable speed.

DISCS WITH FIBREGLASS BACKING item DV121

Diameter mm	Bore mm	List Price per disc	Packing	Max rpm	Best rpm
115	22	10,85	10	11000	6000
125	22	11,49	10	10000	5500

DISCS FOR FINISHING APPLICATIONS



DUP122 discs are made of compact compressed non-woven nylon fibre (Unitized) bonded onto a fibreglass backing pad. These discs are suitable for finishing and or polishing operations after the use of fibre discs and/or flapdiscs.

These products offer exceptional performances on ferrous and non-ferrous metals, stainless steels, aluminium, titanium.

To be used on angle grinders with variable speed.



POLITAF UNITIZED DISCS item **DUP122**

Diameter mm	Bore mm	Thickness mm	Hardness	Grits			List Price per disc	Packing	Max rpm	Best Rpm
				C/F	C/M	A/C				
115	22	15	soft	●	●	●	16,83	10	11000	6000
125	22	15	soft	●	●	●	20,79	10	10000	5500

DAM123 disc consists of two complimentary raw materials (abrasive cloth + surface conditioning) bonded onto a fibreglass backing plate.

The TAF DAM disc allows to grind down weld seams and provide a flawless finish in a single operation with amazing results.

The abrasive cloth is free of iron oxide to avoid stainless steel contamination and it is filled with grinding aid for a low heat generation.

They are suitable for the following materials: steel, stainless steels, non-ferrous metals, plastic and wood.

To be used on angle grinders with variable speed.



COMBI FLAPDISCS item **DAM123**

Diameter mm	Bore mm	Shape	Grits			List Price per disc	Packing	Max rpm	Best Rpm
			150/AVF	80/AM	60/AC				
115	22	tapered	●	●	●	19,27	10	11000	6000
125	22	tapered	●	●	●	20,74	10	10000	5500

SURFACE CONDITIONING DISCS "POLITAF"



Surface conditioning discs are suitable for all metal finishing applications, avoiding blue welding discoloration on steel and stainless steel.

Velcro backing pad allows the correct mounting on the machine.

DSC discs are most suited for use on variable speed angle grinders and the best finishes can be achieved using the recommended working speed (Rpm) in the table below.

SURFACE CONDITIONING DISCS

Item	Diameter mm	Bore	List Price per Disc			Packing	Max rpm
			AVF (blue)	AM (red)	AC (brown)		
DSC115	115	plain	3,09	3,24	3,41	25	6000
DSC125	125	plain	3,74	3,94	4,13	25	5500

Other dimensions are available upon request



Velcro backing pads for items DSC115 and DSC125.

VELCRO PADS FOR SURFACE CONDITIONING DISCS

Item	Diameter mm	Bore	Mounting	List Price Each	Packing	Max rpm
PVS115	115	plain	M14	38,68	1	6000
PVS125	125	plain	M14	42,38	1	5500

FLAPWHEELS FOR SATIN FINISHING



The RST56 are made of aluminium oxide semiflexible cotton cloth (XF backing). They are suitable for any satin finish application.



CLOTH FLAPWHEELS item RST56

Diameter mm	Width mm	Bore mm	List Price per Wheel					Packing	Max rpm
			180	120	80	60	40		
105	50	19	18,34	17,58	17,03	16,14	16,14	12	8600
105	100	19	33,84	32,79	32,28	30,53	30,53	6	8600

The RSM57 are made of aluminium oxide semiflexible cotton cloth (XF backing) and politaf non-woven nylon fibre. They are suitable for light satin finish applications with low stock removal.



INTERLEAVED FLAPWHEELS item RSM57

Diameter mm	Width mm	Bore mm	Grits				List Price per Wheel	Packing	Max rpm
			180/AF	120/AM	80/AM	60/AC			
105	50	19	●	●	●	●	15,37	12	5730
105	100	19	●	●	●	●	31,74	6	5730

FLAPWHEELS FOR SATIN FINISHING



The RSP58 are made of non-woven nylon fibre Politaf. These wheels are suitable for light satin finish applications.

NON-WOVEN POLITAF FLAPWHEELS item **RSP58**

Diameter mm	Width mm	Bore mm	Grits				List Price per Wheel	Packing	Max rpm
			A/VF	A/F	A/M	A/C			
105	50	19	●	●	●	●	12,45	12	5730
105	100	19	●	●	●	●	24,98	6	5730



The RSD59 are made of a very tough and resistant non-woven nylon fibre Politaf Dark. These wheels are suitable for cleaning operations of wood and metal. Fast paint and rust removal.

POLITAF DARK FLAPWHEELS item **RSD59**

Diameter mm	Width mm	Bore mm	List Price per Wheel	Packing	Max rpm
105	100	19	93,42	6	5730

FLAPWHEELS ON SHAFT FOR SATIN FINISHING

Non-woven interleaved flapwheels on shaft are made of aluminium oxide semiflexible cotton cloth (XF backing) and politaf non-woven nylon fibre. They are suitable for light satin finish applications with low stock removal. To be used on straight grinder.



INTERLEAVED FLAPWHEELS item RGM19

Diameter mm	Width mm	Shaft Ø mm	Grits			List Price per Wheel	Packing	Max rpm
			120/AM	80/AM	60/AC			
40	20	6	●	●	●	8,04	10	14000
60	30	6	●	●	●	11,39	10	9500
80	50	6	●	●	●	17,15	10	7000

Non-woven Politaf flapwheels on shaft are suitable for light satin finishing, offering high flexibility, anti-clogging features and low noise. To be used on straight grinder.



NON-WOVEN POLITAF FLAPWHEELS item RGP20

Diameter mm	Width mm	Shaft Ø mm	Grits				List Price per Wheel	Packing	Max rpm
			A/VF	A/F	A/M	A/C			
40	20	6	●	●	●	●	7,40	10	14000
60	30	6	●	●	●	●	9,76	10	9500
80	50	6	●	●	●	●	14,64	10	7000



Politaf BLOCK is suitable for dry and wet use for hand cleaning operations. They are suitable for several materials as wood metals and paint.

SANDING BLOCKS item BLOCK

Length mm	Width mm	Thickness mm	Abrasive	Abrasive Sides	Grits	List Price Each	Packing
					100/AF 60/AM 36/AC		
100	70	26	aluminium oxide	4	● ● ●	1,53	40



Politaf PAD are used on wood, metal and paint. Their flexibility allows them to be used on every kind of surfaces, corners and slots. Wet and dry.

SANDING PADS item PAD

Length mm	Width mm	Thickness mm	Abrasive	Abrasive Sides	Grits	List Price Each	Packing
					220/AF 100/AM 60/AC		
125	100	12	aluminium oxide	2	● ● ●	1,53	40

Hybrid discs



Hybrid discs



TECHNICAL SPECIFICATIONS AND APPLICATIONS

The new **DX1** hybrid discs guarantees an unprecedented stock removal rate, combining the stock removal of a grinding disc with the finishing of a fiber disc in one product. Moreover, the top-size coat prevents the workpieces from overheating, thus preventing the occurrence of burns and deformations.

Other major advantages that can be appreciated while working with the **DX1** hybrid disc are the extremely low vibrations and noise levels.

Installation is quick and easy, as the product does not require any additional backing pad.

To maximize efficiency, we recommend using the disc with angle grinders with a power output no lower than 1.200 watts.



HYBRID DISCS



CERAMIC TOP RANGE

Suitable for heavy duty grinding operations on stainless steel and hard alloys. The top-size coat, paired with the ceramic grain, offers a high stock removal rate, a cool cut, and a long working life. Recommended for use with angle grinders with power output above 1.200 watts.



CERAMIC DISCS item DX1

(< 0,1% Fe, S, Cl)

Diameter mm	Bore mm	List Price Each		Packing	Max rpm
		50	36		
115	22	3,34	3,58	20	13300
125	22	3,55	3,83	20	12200

Cutting and grinding discs



**Cutting
discs flat**

**Cutting discs
depressed centre**

**Grinding discs
depressed centre**

TAF Cutting and grinding discs were designed to satisfy the widest range of applications and all types of demand.

PROFESSIONAL RANGE

Includes the top quality items representing the maximum expression of the technical knowledge and the R&D activities of the company.

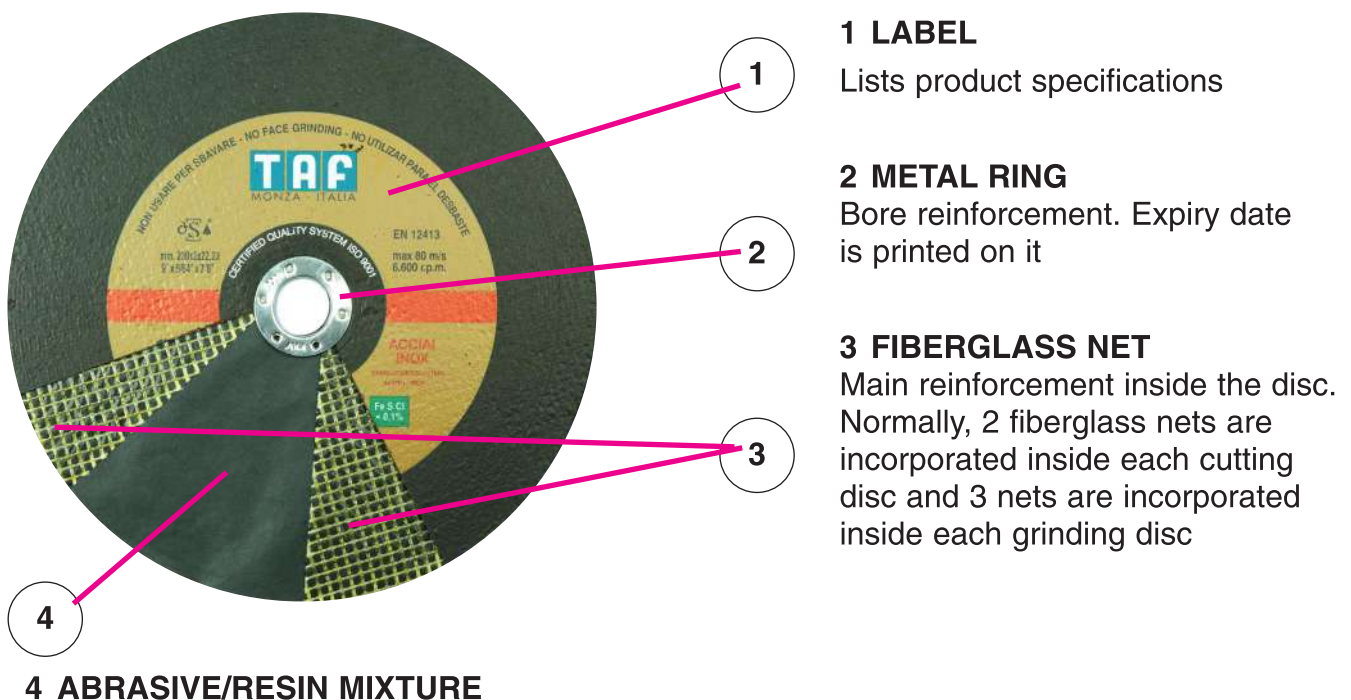
UNIVERSAL RANGE

Professional items characterized by an excellent price/performance ratio for great profitability.

CUTTING AND GRINDING DISCS COMPOSITION

These products are made of 4 main components: the mixture of abrasive minerals and bonding, the fiberglass reinforced net, the metal ring and the label. In use the abrasive mineral is the sole "working" component of the tool for cutting and grinding operations. The resistance to mechanical stress and the strength of the tool structure is then given by the fiberglass net and the metal ring. Label displays the characteristics of the disc.

Here is a resume of the disc components:



1 LABEL

Lists product specifications

2 METAL RING

Bore reinforcement. Expiry date is printed on it

3 FIBERGLASS NET

Main reinforcement inside the disc. Normally, 2 fiberglass nets are incorporated inside each cutting disc and 3 nets are incorporated inside each grinding disc

4 ABRASIVE/RESIN MIXTURE

Aluminium oxide, zirconium oxide and silicon carbide are main abrasive grits. Thermosetting resins bond the abrasive grits to the structure. The resins contain chemical additives to increase the performance of the disc.

SAFETY WARNING

- Do not exceed the max RPM shown on the disc label while working
- Always wear goggles, gloves and suitable safety clothing.
- To check carefully all the discs before mounting.
- It is strictly forbidden to use a cutting disc for any grinding applications.
- Cutting and grinding discs must be kept in dry and ventilated places; the following storage conditions are strictly recommended: Temperature $15 \div 25^{\circ}\text{C}$ - Relative humidity $40 \div 70\%$

The discs must be kept away from heat sources and floors.

GRINDING AND CUTTING DISCS

HOW TO READ THE DISC LABEL



HOW TO READ THE LABEL

- 1 Instruction of use
- 2 European safety standard
- 3 Max RPM
- 4 Maximum working speed ■ = 63m/sec. ■ = 80m/sec.
- 5 Main application
- 6 Free of iron, sulphur and chlorine compounds
- 7 Reinforced resin bonding
- 8 Hardness
- 9 Grit size
- 10 Abrasive mineral: A = Aluminium oxide, C = Silicon carbide, Z = Zirconium oxide
- 11 Item number
- 12 Instructions for a safe use (pictograms)
 - Read the instructions
 - Wear protective gloves
 - Wear eye and hearing protection
 - Wear dust mask
 - Do not use for grinding
 - Do not use if damaged
- 13 Disc dimensions
- 14 Organization for the Safety of Abrasives
- 15 ISO 9001 Certification

FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE



With these thin cutting discs high and fast cutting performances are ensured with low burr and heat generation.

Items MT16, MT10, MT9 and MT11 are free of iron, sulphure and chlorine compounds.

They are widely used for high technology applications in specific fields such as aircraft manufacturing, food industries, chemical plants and stainless steel factories.

CUTTING OF STEEL AND STAINLESS STEEL item **MT16 A46N** (< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1	22	1,81	50	13300
125	1	22	1,96	50	12200



CUTTING OF STEEL AND STAINLESS STEEL item **MT10 A46T** (< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1,2	22	1,70	50	13300
125	1,2	22	1,85	50	12200



CUTTING OF STEEL AND STAINLESS STEEL item **MT9 A46T** (< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1,6	22	1,70	50	13300
125	1,6	22	1,85	50	12200
150	1,6	22	2,56	25	10200
180	1,6	22	2,87	50	8500

CUTTING DISCS FLAT



FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE

Suitable for cutting small and medium-sized steels. They have an extremely fast and precise cut, without burr formation, without heating the workpiece.



CUTTING OF STEEL AND CAST IRON item **MT15 A46T**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
180	2	22	2,62	50	8500



CUTTING OF STEEL AND STAINLESS STEEL item **MT11 A36N** (< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
230	2	22	3,61	50	6600

FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE



Items MT28 and MT29 are suitable for cutting operations of aluminium and non-ferrous metals.

CUTTING OF ALUMINIUM item **MT28** **A30N**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1,6	22	1,81	50	13300
125	1,6	22	1,99	50	12200



CUTTING OF ALUMINIUM item **MT29** **A30N**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
230	2,5	22	3,85	25	6600



The thin cutting discs in silicon carbide MT32 are used for cutting operations on natural stones and building materials.

CUTTING OF NATURAL STONES AND BUILDING MATERIALS item **MT32** **C36S**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1,6	22	1,81	50	13300
125	1,6	22	1,96	50	12200

CUTTING DISCS FLAT



FOR PORTABLE ANGULAR GRINDERS

UNIVERSAL RANGE

With the thin cutting discs BIT40, BIT45 and BIT50 high and fast cutting performances are ensured with low burr and heat generation.



CUTTING OF STEEL AND STAINLESS STEEL item **BIT40** A46R ($< 0,1\% \text{ Fe, S, Cl}$)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1	22	1,49	50	13300
125	1	22	1,62	50	12200



CUTTING OF STEEL AND STAINLESS STEEL item **BIT45** A46R ($< 0,1\% \text{ Fe, S, Cl}$)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1,6	22	1,42	50	13300
125	1,6	22	1,57	50	12200



CUTTING OF STEEL AND STAINLESS STEEL item **BIT50** A36R ($< 0,1\% \text{ Fe, S, Cl}$)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
230	2	22	2,86	50	6600

CUTTING DISCS FLAT

FOR PORTABLE ANGULAR GRINDERS

UNIVERSAL RANGE



With the “zoom line”, fast cutting performances are achievable at economic rates.

CUTTING OF STEEL AND STAINLESS STEEL item **ZOOM 75 A46R**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1	22	1,16	50	13300
125	1	22	1,26	50	12200



CUTTING OF STEEL AND STAINLESS STEEL item **ZOOM 80 A46R**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	1,6	22	1,16	50	13300
125	1,6	22	1,26	50	12200

CUTTING DISCS FLAT



FOR STATIONARY MACHINES

PROFESSIONAL RANGE



Items MT7, MT8, MT22, MT23 are used for cutting of metals on stationary machines.

CUTTING OF STEEL AND CAST IRON item **MT7** A46N

(max speed 63 m/s)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
300	2,5	25,4	6,83	25	4000



CUTTING OF STEEL AND CAST IRON item **MT8** A24N

(max speed 80 m/s)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
300	3,8	30	7,02	25	5100



CUTTING OF STEEL AND CAST IRON item **MT22** A46N

(max speed 63 m/s)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
350	3	25,4	9,23	25	3440



CUTTING OF STEEL AND CAST IRON item **MT23** A24N

(max speed 80 m/s)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
350	4	30	10,74	25	4400

CUTTING DISCS DEPRESSED CENTRE

FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE



Item MT19 is suitable for steel, sintered alloys and stainless steel. Safe and fast cutting performances are achievable because of the 2,5 mm thickness. MT19 discs ensure also a low heat generation.

CUTTING OF STEEL AND STAINLESS STEEL item **MT19** A36N (< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	2,5	22	1,67	50	13300
125	2,5	22	1,87	50	12200
180	2,5	22	3,03	25	8500
230	2,5	22	3,53	25	6600



Item MT4 ensures high cutting performances on a wide range of metals.

CUTTING OF STEEL AND CAST IRON item **MT4** A30T

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	3,2	22	1,79	50	13300
125	3,2	22	2,01	50	12200
150	3,2	22	2,49	25	10200
180	3,2	22	3,08	25	8500
230	3,2	22	3,48	25	6600

CUTTING DISCS DEPRESSED CENTRE



FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE

Item MT5 is suitable on stainless steel, it ensures a low heat generation. MT5 disc is free of iron, sulphure and chlorine compounds.



CUTTING OF STAINLESS STEEL item **MT5** **A36N** (< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	3,2	22	1,90	50	13300
125	3,2	22	2,16	50	12200
230	3,2	22	3,76	25	6600

Item MTZ21 is a zirconium-oxide cutting disc designed for stainless steel, high tensile and special materials.



CUTTING OF STAINLESS STEEL item **MTZ21** **ZA36S** **zirconium**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
230	2,5	22	6,25	25	6600

CUTTING DISCS DEPRESSED CENTRE

FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE



Item MT30 is suitable for cutting of aluminium and non-ferrous metals.

CUTTING OF ALUMINIUM item **MT30 A30N**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	3,2	22	1,96	50	13300
230	3,2	22	3,80	25	6600



Item MT6 is a silicon carbide disc for stone and building materials.

CUTTING OF MARBLE AND BUILDING MATERIALS item **MT6 C30S**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	3,2	22	1,98	50	13300
230	3,2	22	3,86	25	6600

CUTTING DISCS DEPRESSED CENTRE



FOR PORTABLE ANGULAR GRINDERS

UNIVERSAL RANGE

Cutting discs of the universal range offer a favorable cost/performance ratio. Item BIT55 is a disc for a wide range of applications on carbon steel, stainless steel and cast iron.



CUTTING OF STEEL, STAINLESS STEEL AND CAST IRON item **BIT55** A30R ($< 0,1\% \text{ Fe, S, Cl}$)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	3,2	22	1,42	50	13300
125	3,2	22	1,51	50	12200
150	3,2	22	2,13	25	10200
180	3,2	22	2,75	25	8500
230	3,2	22	2,98	25	6600

GRINDING DISCS DEPRESSED CENTRE

FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE



Item MS1 offers a fast stock removal, it is widely used on a broad range of metals.

GRINDING OF STEEL AND CAST IRON item **MS1** A24N

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	6,5	22	2,36	50	13300
125	6,5	22	2,56	50	12200
180	6,5	22	4,16	25	8500
230	6,5	22	6,29	25	6600



Item MS2 is an hard disc for heavy applications offering an excellent stock removal at high working pressure. Best performances are achievable using MS2 discs with powerful grinders.

GRINDING OF STEEL AND CAST IRON item **MS2** A24R

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
180	6,5	22	4,16	25	8500
230	6,5	22	6,29	25	6600



Item MS3 is a medium hardness disc for stainless steel. MS3 disc is free of iron oxide.

GRINDING OF STAINLESS STEEL item **MS3** A30P ($< 0,1\% \text{ Fe, S, Cl}$)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	6,5	22	2,36	50	13300
125	6,5	22	2,56	50	12200
150	6,5	22	3,17	25	10200
230	6,5	22	6,29	25	6600

GRINDING DISCS DEPRESSED CENTRE



FOR PORTABLE ANGULAR GRINDERS

PROFESSIONAL RANGE

Item MSZ20 is a zirconium-oxide grinding disc designed for heavy duty applications. It is widely used in foundry and in heavy steelworks. It is recommended to be used on powerful, high frequency portable grinders.



GRINDING OF STAINLESS STEEL item **MSZ20** **ZA24R** zirconium

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	7	22	3,13	50	13300
125	7	22	3,40	50	12200
180	7	22	7,44	25	8500
230	7	22	11,24	25	6600

Item MS31 is suitable for aluminium and non-ferrous metals.

GRINDING OF ALUMINIUM item **MS31** **A30N**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	6,5	22	2,51	50	13300
125	6,5	22	2,67	50	12200
230	6,5	22	6,72	25	6600



Item MS26 is a silicon carbide grinding disc particularly suitable for marble, stones, concrete and any building material.

GRINDING OF MARBLE AND BUILDING MATERIALS item **MS26** **C24R**

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	6,5	22	2,51	50	13300
230	6,5	22	6,72	25	6600



GRINDING DISCS DEPRESSED CENTRE

FOR PORTABLE ANGULAR GRINDERS

UNIVERSAL RANGE



Item BIS60 is a medium hardness disc for a wide range of applications on carbon steel, stainless steel and cast iron.

GRINDING OF STEEL, STAINLESS STEEL AND CAST IRON item **BIS60 A30P**

(< 0,1% Fe, S, Cl)

Diameter mm	Thickness mm	Bore mm	List Price Each	Packing	Max rpm
115	6,5	22	1,87	50	13300
125	6,5	22	2,18	50	12200
150	6,5	22	2,67	25	10200
180	6,5	22	3,76	25	8500
230	6,5	22	5,47	25	6600

Diamond saw blades



**Diamond
saw blades**



Price List 2025

Diamond saw blades are suitable for any cutting applications on building materials, natural stones and plastic.

They are made of an internal steel core and of an external rim (continuous or segmented).

item	Type	Applications	Range
DD115 DD230 DD230F	continuous rim grooved	Concretes, granites, marbles, bricks, double-firing, ceramics, stones. Universal use	universal
DDS115 DDS230	laser welded smooth segments	Concretes, granites, marbles, bricks, double-firing, ceramics, stones. Industrial use	universal laser
DDC115 DDC230	continuous rim smooth	Ceramics, mono-firing and double-firing ceramics, klinker	ceramic
DDG115 DDG230 DDG230F	continuous rim grooved	Granites, quartzites, slates and porphyry	granite
DDM115 DDM230 DDM230F	electroplated rim with smooth segments	Marbles and plastic materials	marble
DDP115 DDP230	continuous rim grooved	Porcelain stoneware, tough ceramics, klinker	porcelain stoneware

DIAMOND SAW BLADES



DRY USE

FOR PORTABLE ANGULAR GRINDERS

The continuous diamond rim of this multipurpose disc allows to get always fast and safe cutting performances on a broad range of building materials. The narrow pitch of the continuous rim allows to get excellent finishing grade.



UNIVERSAL RANGE

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM	Remarks
DD115	115	22	24,66	1	13300	
DD230	230	22	73,98	1	6600	
DD230F	230	22	92,82	1	6600	with flange

High performance universal segmented disc.
Use on cement, reinforced concrete and granite.



UNIVERSAL LASER RANGE

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM	Remarks
DDS115	115	22	56,72	1	13300	
DDS230	230	22	134,09	1	6600	

This disc is specifically designed for tiles.
The continuous diamond rim and the thin thickness of the disc allow fast and safe cutting performances.



CERAMIC RANGE

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM	Remarks
DDC115	115	22	21,40	1	13300	
DDC230	230	22	103,60	1	6600	

DRY USE FOR PORTABLE ANGULAR GRINDERS



Professional disc with continuous diamond rim designed for fast and safe cutting of granite.
Suitable also for stone and other building materials.

GRANITE RANGE

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM	Remarks
DDG115	115	22	42,97	1	13300	
DDG230	230	22	122,96	1	6600	
DDG230F	230	22	122,96	1	6600	with flange



This disc is specifically designed for cutting of marble.
The segmented diamond rim is electroplated.
Dry use is strictly recommended.
The use of this disc on bricks, cement and granite will permanently damage the disc.

MARBLE RANGE

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM	Remarks
DDM115	115	22	76,33	1	13300	
DDM230	230	22	134,09	1	6600	
DDM230F	230	22	134,09	1	6600	with flange



This disc is suitable for cutting of porcelain stoneware, klinker and tough ceramics.

PORCELAIN STONEWARE RANGE

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM	Remarks
DDP115	115	22	42,00	1	13300	
DDP230	230	22	94,50	1	6600	

TAF ABRASIVI tools presented at a glance. Displayers are available in two different configurations to exhibit products with an attractive layout.

Wall displayer is fitted with:

- LED backlit head
- 45 hooks - 15 cm length
- 4 metal containers

WALL DISPLAYER

Equipped with backlit headboard displaying **TAF ABRASIVI** logo. Fitted with metal hooks, containers and shelf.

Item	Dimensions (length x width x height)	Unit of sale
EXPO	cm 95 x 50 x 225	1



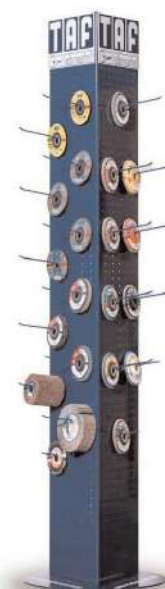
Totem is supplied with:

- Triple logo in plexiglass
- 30 hooks - 15 cm length

TOTEM

Three-sided floor display with hooks.

Item	Dimensions (length x width x height)	Unit of sale
TOTEM	cm 48 x 48 x 190	1



- All quotations are made without legal obligation. Contracts of sale are only concluded by the placement of an official order and receipt of a TAF order acknowledgement.
- Prices quoted are ex-works, unless otherwise agreed. Any variations in delivery terms are based on the latest Incoterms.
- Standard packing included.
- Payment terms are agreed with individual customers and are invalid unless confirmed by TAF in writing. If at any time before payment is made doubt arises as to the creditworthiness of the customer, all monies outstanding will become due for immediate payment irrespective of the terms of maturity of any discounted and credited bills of exchange. In such cases we are also entitled to fulfil any outstanding deliveries against advance payment.
- The payment of our invoices must be remitted to our Monza office only, within the agreed payment term. In case of delay, the purchaser will lose the right to any agreed payment discount and the interest for delayed payment will be applied on the base of the ECB refinancing rate plus 8 points.
- Delivery times are stated on order acknowledgement. Any variance is invalid unless confirmed by us in writing. Adherence to the confirmed delivery times by us is conditional upon the timely and correct fulfilment of the contractual duties of the customer, in particular his duty to render payment. If force majeure prevents delivery on time, the delivery time will be extended by the term of the force majeure. Examples of force majeure are considered as breakdowns, interruptions of raw material supplies, power cuts, strikes and lockouts etc., irrespective of whether they occur on our premises or on those of our suppliers.
- Apparent defects are grounds for customer claims only when notified within 30 days from receipt of goods. In commercial transactions latent defects must be notified within 7 days from discovery. Any claim for faulty goods must always be supported with representative samples. Settlement of claims will be effected by replacement of the faulty goods only. Goods may only be returned with our consent.
- All other claims by the customer for whatever legal reasons are excluded. In particular we do not accept any liability for consequential damage, loss of profit or other financial losses incurred by the customer. This limitation of liability is not applicable where damage or loss has occurred by intent or gross negligence by us or by one of our subcontractors; nor is the limitation of liability applicable in the case of non-conformity to description. Our obligation under warranty is based on the proper, designated and correct use of the goods. On transfer or resale to other customers, our customers undertake to ensure adherence to the proper, designated and correct use of our products and to warn against misuse.
- The sole place of jurisdiction for any disputes arising from the business relationship is Monza Italy.
- The contractual relation is subject solely to the law of Italy. The application of any international law on purchasing rights is excluded.

Tables, photos, technical data and descriptions included in this price list are to be considered as indicative. TAF ABRASIVI reserves the right to make any changes to its products for purposes of improvement or for production needs.

SAFETY WARNING STORAGE



SAFETY WARNING

- TAF products do not contain any hazardous substances. They are carefully tested so that they can be used safely. It is essential however to follow the operating instructions. Particular attention must be paid to maximum operating speeds.
It is also essential to ensure that the machine to be used is operating efficiently and is fitted with the appropriate guard.
Additionally, the operator should always wear goggles, gloves and suitable clothing.

STORAGE

- Store the abrasive materials in dry and ventilated places; the following conditions are strictly recommended:
 - temperature $15 \div 25 \text{ }^{\circ}\text{C}$
 - relative humidity $50 \div 65 \text{ } \%$The material must be kept away from heat sources and floors.



ISO 9001 CERTIFICATION

- For many years TAF ABRASIVI SPA has achieved ISO 9001 certification for its own Quality System. All the design, production, quality control and shipment procedures are undertaken to ensure the highest quality of both product and service.



HISTORICAL BRAND

- Testifying to its long tradition as an Italian industrial company, **TAF Abrasivi** has been awarded the "Marchio Storico" (Historical Brand).



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