

# Tyrolit – Base Materials

## Product range overview

English

## The Tyrolit Group

is one of the world's leading manufacturers of grinding and dressing tools, as well as a system provider for the construction industry. For over 100 years, our innovative tools and solutions have played a crucial role in technological advancements across various industries.

With roots in the heart of the Austrian Alps, Tyrolit combines the strengths of family values with a global vision and over a century of individual corporate and technological experience.

We aim to impress both internal and external target groups and foster fair, enduring partnerships. In pursuit of our goals, we consistently optimise the quality of our products and services while continuously adjusting our business processes to meet evolving market demands.

Our global supply chain management ensures on-time delivery of products to customers worldwide. Investments in research and development, employee training, and technological advancements are core elements of our corporate culture.

Sustainable resource management, ensuring a safe working environment, and compliance to legal requirements have been instrumental in the company's positive development.



Tyrolit headquarters in Schwaz (Austria)

## Facts & Figures



**80.000+**

standard products



**30+**

global production sites



**4.500+**

valued employees



**140+**

countries within our reach



**500+**

patents worldwide

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Steel



Stainless Steel



Nonferrous Metals



Cast Iron



Glass

# Flap discs

★★ STANDARD **ZA-P725 C X Jumbo Rolls**  
for flap discs, belts and abrasive rolls



**Application**

- + %100 premium quality zirconia content offers extreme stock removal and long product life together
- + Premium poly-cotton cloth backing assists the endurance besides of comfortable
- + Chemically improved resin formula provides cooler grinding with better surface quality

**We recommend**

- + Ideal for flap discs, surface grinding, edge grinding, weld bead grinding, and deburring applications

Shape		Type no.	Dimension	Specification	Grain	PU	Recommend for
	ROLL-C	34749187	1650 x 50	ZA-P725 C X	36	1 Pcs.	Flap discs
		34749188	1650 x 50	ZA-P725 C X	40	1 Pcs.	
		34749189	1650 x 50	ZA-P725 C X	50	1 Pcs.	
		34749190	1650 x 50	ZA-P725 C X	60	1 Pcs.	Belts
		34749191	1650 x 50	ZA-P725 C X	80	1 Pcs.	
		34749192	1650 x 50	ZA-P725 C X	100	1 Pcs.	
		34749193	1650 x 50	ZA-P725 C X	120	1 Pcs.	Abrasive rolls 

★★ STANDARD **ZA-S425 C X Jumbo Rolls**  
for flap discs, belts and abrasive rolls



**Application**

- + Special treated zirconia-alumina grain mix provides excellent productivity
- + Strong poly-cotton cloth provides long life even high pressure and heavy duty operations
- + Chemically improved resin formula provides cooler grinding

**We recommend**

- + Ideal for flap discs, surface grinding, edge grinding, weld bead grinding, and deburring applications

Shape		Type no.	Dimension	Specification	Grain	PU	Recommend for
	ROLL-C	34749180	1650 x 50	ZA-S425 C X	36	1 Pcs.	Flap discs
		34749181	1650 x 50	ZA-S425 C X	40	1 Pcs.	
		34749182	1650 x 50	ZA-S425 C X	50	1 Pcs.	
		34749183	1650 x 50	ZA-S425 C X	60	1 Pcs.	Belts
		34749184	1650 x 50	ZA-S425 C X	80	1 Pcs.	
		34749185	1650 x 50	ZA-S425 C X	100	1 Pcs.	
		34749186	1650 x 50	ZA-S425 C X	120	1 Pcs.	Abrasive rolls 



### ZA-O325 C X Jumbo Rolls for flap discs, belts and abrasive rolls







**Application**

- + High stock removal with self sharpening and high durable zirconia-alumina grain mix.
- + Strong poly-cotton cloth offers long life even high pressure and heavy duty operations

**We recommend**

- + Ideal for flap discs, surface grinding

Shape	Type no.	Dimension	Specification	Grain	PU	Recommend for
	ROLL-C	34749173	1650 x 50	ZA-O325 C X	36	1 Pcs. Flap discs
		34749174	1650 x 50	ZA-O325 C X	40	1 Pcs. 
		34749175	1650 x 50	ZA-O325 C X	50	1 Pcs.
		34749176	1650 x 50	ZA-O325 C X	60	1 Pcs. Belts
		34749177	1650 x 50	ZA-O325 C X	80	1 Pcs. 
		34749178	1650 x 50	ZA-O325 C X	100	1 Pcs.
		34749179	1650 x 50	ZA-O325 C X	120	1 Pcs. Abrasive rolls 



### ZA-O315 C X Jumbo Rolls for flap discs, belts and abrasive rolls






**Application**

- + Zirconia alumina grain content on X weight cotton cloth provides high stock removal and smooth operation
- + Chemically improved resin formula provides cooler grinding

**We recommend**

- + Suitable for surface grinding, edge grinding weld bead grinding and deburring

Shape	Type no.	Dimension	Specification	Grain	PU	Recommend for
	ROLL-C	34749167	1650 x 50	ZA-O315 C X	40	1 Pcs. Flap discs
		34749169	1650 x 50	ZA-O315 C X	60	1 Pcs. 
		34749170	1650 x 50	ZA-O315 C X	80	1 Pcs.
		34749171	1650 x 50	ZA-O315 C X	100	1 Pcs. Belts
		34749172	1650 x 50	ZA-O315 C X	120	1 Pcs. 

**★★ STANDARD** **A-S425 C X Jumbo Rolls**  
for flap discs, belts and abrasive rolls



**Application**

- + Strong poly-cotton provides long-life even high pressure and heavy duty operations
- + Special treated alumina grains provide excellent productivity
- + Chemically improved resin formula provides cooler grinding

**We recommend**

- + Ideal for flap discs, surface grinding, edge grinding, weld bead grinding, and deburring applications

Shape	Type no.	Dimension	Specification	Grain	PU	Recommend for
	ROLL-C	34749159	1650 x 50	A-S425 C X	36	1 Pcs. Flap discs
		34749160	1650 x 50	A-S425 C X	40	1 Pcs.
		34749162	1650 x 50	A-S425 C X	60	1 Pcs.
		34749163	1650 x 50	A-S425 C X	80	1 Pcs. Belts
		34749164	1650 x 50	A-S425 C X	100	1 Pcs.
		34749165	1650 x 50	A-S425 C X	120	1 Pcs. Abrasive rolls

**★ BASIC** **A-O325 C X Jumbo Rolls**  
for flap discs, belts and abrasive rolls



**Application**

- + Alumina grains on X weight poly-cotton cloth provides high durability for heavy-duty applications
- + Chemically improved resin formula provides cooler grinding
- + Suitable for surface grinding, edge grinding, weld bead grinding and deburring

**We recommend**

- + Ideal for flap discs, surface grinding

Shape	Type no.	Dimension	Specification	Grain	PU	Recommend for
	ROLL-C	34749152	1650 x 50	A-O325 C X	36	1 Pcs. Flap discs
		34749153	1650 x 50	A-O325 C X	40	1 Pcs.
		34749155	1650 x 50	A-O325 C X	60	1 Pcs.
		34749156	1650 x 50	A-O325 C X	80	1 Pcs. Belts
		34749157	1650 x 50	A-O325 C X	100	1 Pcs.
		34749158	1650 x 50	A-O325 C X	120	1 Pcs. Abrasive rolls



# Fiber discs

★★★ PREMIUM **ZA-P546 V Jumbo Rolls**  
for fiber discs

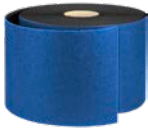

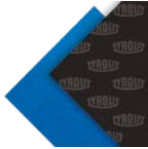




**Application**

- + Alumina grains on X weight poly-cotton cloth provides high durability for heavy-duty applications
- + Chemically improved resin formula provides cooler grinding
- + Suitable for surface grinding, edge grinding, weld bead grinding and deburring

**We recommend**

- + Ideal for flap discs, surface grinding

Shape		Type no.	Dimension	Specification	Grain	PU	Recommend for
  	ROLL-C	34749121	1400 x 50	ZA-P546 V	24	1 Pcs.	 
		34749122	1400 x 50	ZA-P546 V	36	1 Pcs.	
		34749123	1400 x 50	ZA-P546 V	40	1 Pcs.	
		34749124	1400 x 50	ZA-P546 V	50	1 Pcs.	
		34749125	1400 x 50	ZA-P546 V	60	1 Pcs.	
		34749126	1400 x 50	ZA-P546 V	80	1 Pcs.	
		34749127	1400 x 50	ZA-P546 V	100	1 Pcs.	
		34749128	1400 x 50	ZA-P546 V	120	1 Pcs.	

★★★ PREMIUM **A-P546 V Jumbo Rolls**  
for fiber discs



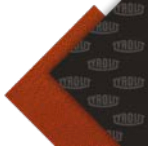




**Application**

- + Aluminum oxide grain on vulcanized fiber cloth for disc sanding applications like weld removal, grinding or blending
- + Vulcanized fiber backing and resin bond system provides durability

**We recommend**

- + Ideal for fiber discs

Shape		Type no.	Dimension	Specification	Grain	PU	Recommend for
  	ROLL-V	34749112	1400 x 50	A-P546 V	16	1 Pcs.	 
		34749113	1400 x 50	A-P546 V	24	1 Pcs.	
		34749114	1400 x 50	A-P546 V	36	1 Pcs.	
		34749115	1400 x 50	A-P546 V	40	1 Pcs.	
		34749116	1400 x 50	A-P546 V	50	1 Pcs.	
		34749117	1400 x 50	A-P546 V	60	1 Pcs.	
		34749118	1400 x 50	A-P546 V	80	1 Pcs.	
		34749119	1400 x 50	A-P546 V	100	1 Pcs.	
		34749120	1400 x 50	A-P546 V	120	1 Pcs.	



### C-P546 V Jumbo Rolls for fiber discs







**Application**

- + Silicon carbide grain on vulcanized fiber cloth for sanding marble, natural or synthetic stone materials, ceramic and hard cast iron
- + Vulcanized fiber backing and resin bond system provides durability

**We recommend**

- + Ideal for fiber discs

Shape	Type no.	Dimension	Specification	Grain	PU	Recommend for
  	ROLL-V	34749129	1400 x 50	C-P546 V	16	1 Pcs. Fiber discs
	34749130	1400 x 50	C-P546 V	24	1 Pcs.	
	34749131	1400 x 50	C-P546 V	36	1 Pcs.	
	34749132	1400 x 50	C-P546 V	40	1 Pcs.	
	34749133	1400 x 50	C-P546 V	50	1 Pcs.	
	34749134	1400 x 50	C-P546 V	60	1 Pcs.	
	34749135	1400 x 50	C-P546 V	80	1 Pcs.	
	34749136	1400 x 50	C-P546 V	100	1 Pcs.	
	34749137	1400 x 50	C-P546 V	120	1 Pcs.	
	34749138	1400 x 50	C-P546 V	150	1 Pcs.	
	34749139	1400 x 50	C-P546 V	180	1 Pcs.	
	34749140	1400 x 50	C-P546 V	220	1 Pcs.	
	34749141	1400 x 50	C-P546 V	240	1 Pcs.	
	34749142	1400 x 50	C-P546 V	260	1 Pcs.	
	34749143	1400 x 50	C-P546 V	320	1 Pcs.	
34749144	1400 x 50	C-P546 V	400	1 Pcs.		

# Belt and Rolls

★★ **STANDARD** **ZA-P733 PE Y Jumbo Rolls**  
for belts and discs



**Application**

- + Premium quality %100 zirconia grains on high toughness Y weight polyester backing provides extreme stock removal and long product life together
- + Premium polyester backing assists high endurance
- + Chemically improved resin formula provides cooler grinding with better surface quality

**We recommend**

- + Ideal for heavy duty applications

Shape		Type no.	Dimension	Specification	Grain	PU	Recommend for	
		ROLL-PE	34749226	1650 x 50	ZA-P733 PE Y	24	1 Pcs.	Belts
		34749227	1650 x 50	ZA-P733 PE Y	36	1 Pcs.		
		34749228	1650 x 50	ZA-P733 PE Y	40	1 Pcs.		
		34749229	1650 x 50	ZA-P733 PE Y	50	1 Pcs.	Discs	
		34749230	1650 x 50	ZA-P733 PE Y	60	1 Pcs.		
		34749231	1650 x 50	ZA-P733 PE Y	80	1 Pcs.		
		34749232	1650 x 50	ZA-P733 PE Y	100	1 Pcs.		
		34749233	1650 x 50	ZA-P733 PE Y	120	1 Pcs.		

★★ **STANDARD** **A-S423 PC X Jumbo Rolls**  
for flap discs and belts



**Application**

- + Aluminum oxide on X-Weight poly cotton cloth for surface grinding applications on metal, low alloy steel and hardwood surfaces
- + Premium aluminum oxide grain delivers high material removal and X weight poly-cotton backing provides long life at heavy duty grinding applications

**We recommend**

- + Ideal for sanding belts

Shape		Type no.	Dimension	Specification	Grain	PU	Recommend for	
		ROLL-PC	34749202	1650 x 50	A-S423 PC X	24	1 Pcs.	Belts
		34749203	1650 x 50	A-S423 PC X	36	1 Pcs.		
		34749204	1650 x 50	A-S423 PC X	40	1 Pcs.		
		34749205	1650 x 50	A-S423 PC X	50	1 Pcs.	Abrasive rolls	
		34749206	1650 x 50	A-S423 PC X	60	1 Pcs.		
		34749207	1650 x 50	A-S423 PC X	80	1 Pcs.		
		34749208	1650 x 50	A-S423 PC X	100	1 Pcs.		
		34749209	1650 x 50	A-S423 PC X	120	1 Pcs.		



## A-S412 C X Jumbo Rolls for belts and abrasive rolls



### Application

- + Premium aluminum oxide grain and X weight cotton delivers fast grinding performance at ideal rate of cloth wear
- + Aluminum oxide on X weight cotton cloth for surface grinding applications on metal, low alloy steel and hardwood surfaces

### We recommend

- + Ideal for sanding belts

Shape	Type no.	Dimension	Specification	Grain	PU	Recommend for	
	ROLL-C	34749194	1650 x 50	A-S412 C X	24	1 Pcs.	Belts
	34749195	1650 x 50	A-S412 C X	36	1 Pcs.		
	34749196	1650 x 50	A-S412 C X	40	1 Pcs.		
	34749197	1650 x 50	A-S412 C X	50	1 Pcs.	Abrasive rolls	
	34749198	1650 x 50	A-S412 C X	60	1 Pcs.		
	34749199	1650 x 50	A-S412 C X	80	1 Pcs.		
	34749200	1650 x 50	A-S412 C X	100	1 Pcs.		
	34749201	1650 x 50	A-S412 C X	120	1 Pcs.		

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Our **worldwide subsidiary companies** can be found  
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