Data Sheet

TENAZIT®

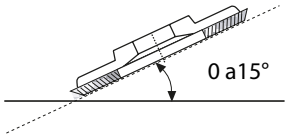
Item
2959

1. Product Description:

Flap Disc with Plastic Backing

Dimensions (in):	4-1/2" x 5/8"- 11H
Dimensions (mm):	115 x 15.9 - 11H
Abrasive:	Aluminum Oxide
Grit:	320
Specification:	POWER JET - 320
Max. rpm:	13,300
Backing:	Plastic
Max. speed:	80 m/s
Line:	Power Jet

Type A



D = 115 mm
H = 15.9 mm - 11H

1. Application

• Ideal for stainless steel applications, as it helps prevent burning and heat discoloration caused by temperature buildup. Excellent for grinding hard or heat-sensitive steels and alloys.
• The best choice for achieving an outstanding finish on stainless steels (200 and 300 series), as well as chromium and nickel alloys.
• The disc's unique design reduces the temperature in the grinding area by up to 30%, depending on grit size and machine power, compared with conventional flap discs with plastic or fiberglass backing.
• The trimmable plastic backing maximizes abrasive flap utilization, extending the disc's service life.
• Integrated thread allows quick and secure mounting without the need for wrenches or additional adapters.

2. Operating Instructions

• Use with an angle grinder.
• Mount the disc and allow it to run at no-load speed for one minute to verify that it is not damaged.
• Maintain the disc at an angle of 0° to 15° to the workpiece surface for best results.
• Do not apply excessive pressure or strike the disc against the workpiece.

3. Safety information

• Never exceed the maximum operating speed indicated on the product label.
• Always use the appropriate safety guard.
• Always wear appropriate personal protective equipment (PPE), including gloves, respiratory protection, hearing protection, and safety glasses.
• Never use a disc that has been exposed to water.
• Improper use may result in serious injury.

4. Handling

• Initial inspection should be performed while the product is in its original packaging. If there is visible evidence of damage, the product should not be accepted.
• Handle the product carefully to prevent impacts and/or drops. If a disc is cracked, has detached abrasive flaps, or is suspected of being damaged, it must not be mounted or used.

5. Storage

• Store the discs flat, at least 10 cm (4 in) above floor level, away from damp, cold, or hot surfaces and from any type of fluid. Ideal storage conditions are 40–50% relative humidity and a temperature between 15 and 29 °C (59–84 °F).

6. Packaging units

• 5 pieces.