



# DEFENDER

We are creating  
innovations

**Defenderr Nano Systems** cartridges are engineered in the USA for the most demanding permanent makeup artist.

## **Advantages:**

- Narrow needle tip that does not obstruct the view during work and provides a smooth flow of pigment.
- A wide variety of cartridge configurations that allows you to choose a certain one for the working area.
- There is a protective membrane that protects the machine from leakage.
- Sharpening of the needle helps to make to highlight small details in the process of the work, making the procedure less traumatic for clients.
- Needle stroke is smooth and soft, and colouring takes less time.

There are 50 configurations in the lineup, among which the R1 needle is presented in 31 different configurations, enabling wide choice for permanent make-up masters to work on various zones.

Defenderr has an incredibly sharp RLSLT needle (8.5 mm), which was first introduced in the world PMU market.



# Configurations:

## Needle diameter:

- 0.18
- 0.20
- 0.25
- 0.27
- 0.30
- 0.33
- 0.35

## 5 types of rounded tapers:

- RLST – Round Liner Short Taper (1,5 mm)
- RLMT – Round Liner Medium Taper (3,5 mm)
- RLHLT – Round Liner Half Long Taper (5,5 mm)
- RLLT – Round Liner Long Taper (7,5 mm)
- RLSLT – Round Liner Super Long Taper (8,5 mm)



# Additional configurations:

## Shader:

- **RSST**
- 1,5 MM
- Round Shader Short Taper

Round shader short taper  
shaders differ in parallel arrangement  
of needles in the row

## Rounded magnum:

- **SEMST**
- 1,5 MM
- Soft Edge Magnum Short Taper

Soft Edge Magnum Short Taper  
flat needles that have uneven length,  
thus creating a semicircular shape

## Textured needles:

- **RLMT-T**
- 3,5 MM
- Round Liner Medium Taper Textured

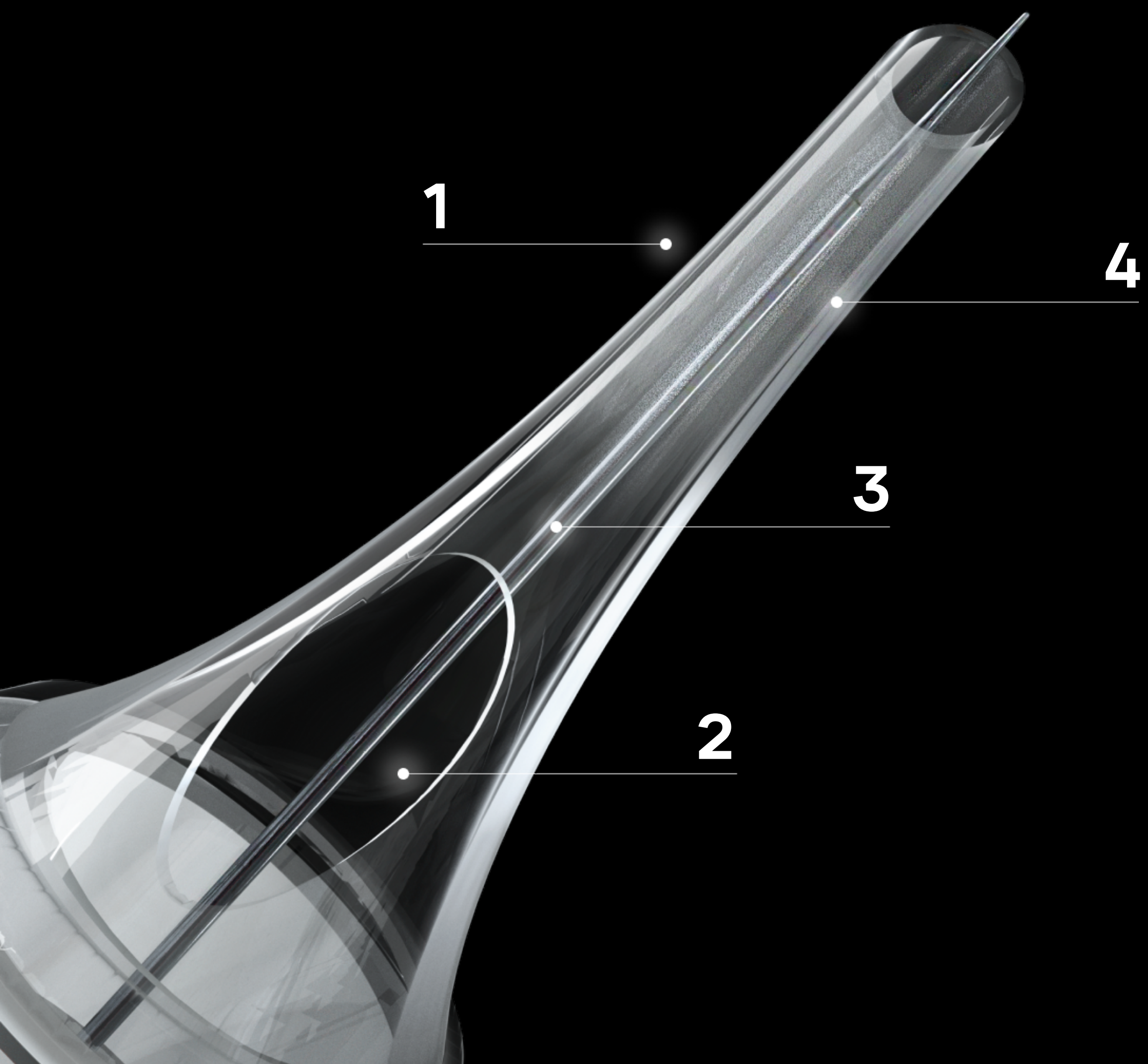
Round Liner Medium Taper Textured  
the texture of the needle has special  
micro-grooves that retain much more  
pigment on its surface



# How do Defenderr cartridges work?

**1. Improved needle tip.** The narrow needle tip that does not obstruct the view during work and allows masters to notice every single detail in the process of colouring.

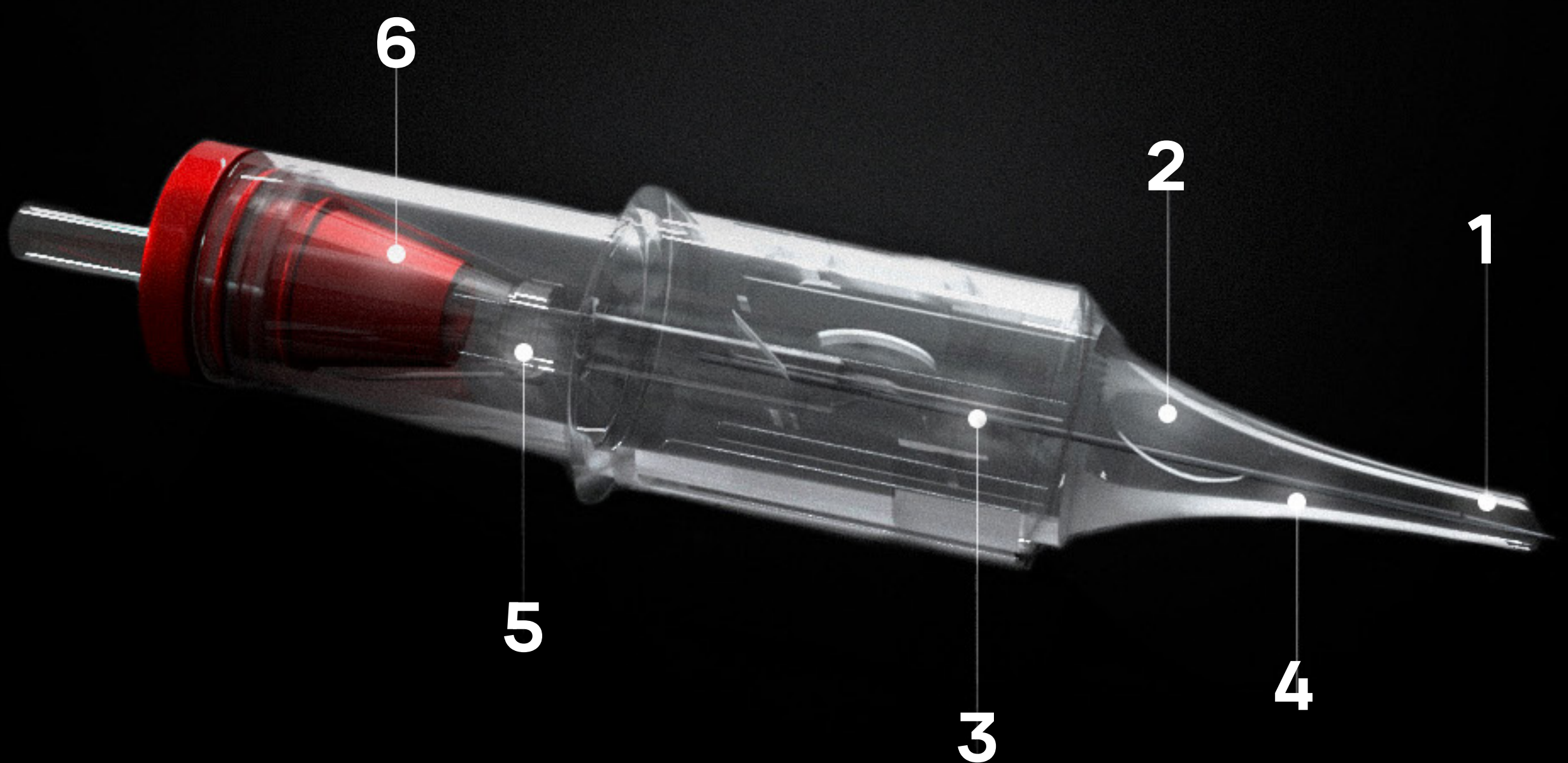
**2.** There is a **small window** on the cartridge which is necessary for air intake during the pigment collection process and it is also responsible for ensuring that the paint is supplied steadily and without splashing.







**6. Safety membrane.** The lightweight protective membrane accelerates needle return and prevents pigment from entering the machine's motor, ensuring sterility of the machine.





**3.** For the needles production Defenderr has chooses the highest quality metal - medical surgical steel from the Japanese company Nissan: **Steel AISI 316L** that is sterilized using ethylene oxide gas.

#### **4. Ink Flow Cup Technology.**

Inside the cartridge nose tip there are special bumps that allow you to instantly pick up the pigment and smoothly release it in the process. This greatly simplifies the work, since you do not have to draw on the pigment too often, and the client's skin remains clean until the end of the procedure.

#### **5. Long bar fixing lock technology and**

**Z-Systems** fix the needle inside the cartridge for a perfectly smooth stroke without any deflections. Thanks to this, the cartridge is very stable and smooth in operation, which is especially important for the eyes area, as well as the working with small details.



DEFENDERR <b>18/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>20/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>25/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>27/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>30/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>33/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>35/01 RLST</b>	Round Liner Short Taper	Short taper
DEFENDERR <b>18/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>20/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>25/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>27/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>30/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>33/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>35/01 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>18/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper
DEFENDERR <b>20/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper
DEFENDERR <b>25/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper



DEFENDERR <b>27/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper
DEFENDERR <b>30/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper
DEFENDERR <b>33/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper
DEFENDERR <b>35/01 RLHLT</b>	Round Liner Half Long Taper	Half Long taper
DEFENDERR <b>18/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>20/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>25/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>27/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>30/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>33/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>35/01 RLLT</b>	Round Liner Long Taper	Half Long taper
DEFENDERR <b>18/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper
DEFENDERR <b>20/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper
DEFENDERR <b>25/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper
DEFENDERR <b>27/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper
DEFENDERR <b>30/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper
DEFENDERR <b>33/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper

DEFENDERR <b>35/01 RLSLT</b>	Round Liner Super Long Taper	Super Long taper
DEFENDERR <b>25/01 RLMT-T</b>	Round Liner Medium Taper -Textured	Medium taper - Textured
DEFENDERR <b>30/01 RLMT-T</b>	Round Liner Medium Taper -Textured	Medium taper - Textured
DEFENDERR <b>35/01 RLMT-T</b>	Round Liner Medium Taper -Textured	Medium taper - Textured
DEFENDERR <b>25/03 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>30/03 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>35/03 RLMT</b>	Round Liner Medium Taper	Medium taper
DEFENDERR <b>25/03 RLLT</b>	Round Liner Long Taper	Long taper
DEFENDERR <b>35/03 RLLT</b>	Round Liner Long Taper	Long taper
DEFENDERR <b>25/05 RLMT</b>	Round Shader Short Taper	Shader Short taper
DEFENDERR <b>25/3 RSST</b>	Round Shader Short Taper	Shader Short taper
DEFENDERR <b>25/5 RSST</b>	Round Shader Short Taper	Shader Short taper
DEFENDERR <b>25/7 RSST</b>	Round Shader Short Taper	Shader Short taper
DEFENDERR <b>25/3 SEMST</b>	SOFT EDGE MAGNUM SHORT TAPER	Soft edge magnum short taper
DEFENDERR <b>25/5 SEMST</b>	SOFT EDGE MAGNUM SHORT TAPER	Soft edge magnum short taper

**DEFENDER<sup>®</sup>**