

# PROTECTORS FOR THREADED PIPES

## PA-E

Composite protector for protection of threaded ends of pipes and tubes consists of a core made from **high density polyethylene (HDPE)** with admixture of additives increasing dimensional stability and mechanical strain of protectors against temperature fluctuations and ultraviolet radiance, **and with metal shell**, providing the increase in resistance against mechanical damage. Making the thread on CNC lathe result in maximum precision of the thread and contact surfaces of the protectors, which fact ensures easy handling with said protectors and their application to pipes/tubes, providing precision protection of the pipe/tube thread against ambient wetness and other impurities, as well.



Available Sizes:

Size (inch)	End	
	Pin	Box
2 7/8	CENL/OE/OED	CENL/CEL/OE/OED
3 1/2	CENL/OE/OED	CENL/CEL/OE/OED
4 1/2	CEL/CENL/OE/OED	CEL/CENL/OE/OED
5	CENL/OE/OED	CENL/OE/OED
5 1/2	CEL/CENL/OE/OED	CEL/CENL/OE/OED
5 3/4	CEL/CENL/OE/OED	CEL/CENL/OE/OED
6 5/8	CEL/CENL/OE/OED	CEL/CENL/OE/OED
7	CEL/CENL/OE/OED	CEL/CENL/OE/OED
7 5/8	CEL/CENL/OE/OED	CEL/CENL/OE/OED
8 5/8	CEL/CENL/OE/OED	CEL/CENL/OE/OED
9 5/8	CEL/CENL/OE/OED	CEL/CENL/OE/OED
10 3/4	CEL/CENL/OE/OED	CEL/CENL/OE/OED
13 3/8	CEL/CENL/OE/OED	CEL/CENL/OE/OED
16	CEL/CENL/OE/OED	CEL/CENL/OE/OED
18 5/8	CEL/CENL/OE/OED	CEL/CENL/OE/OED
20	CEL/CENL/OE/OED	CEL/CENL/OE/OED

CEL - Closed End Lifiable  
 OE - Open End Lifiable

CENL - Closed End Non-Lifiable  
 OED - Open End Driftable

All protectors comply with standard API 5CT, 8th revision / ISO 11960.

## PA-S

Plastic protector for protection of threaded ends of pipes and tubes is made from **high density polyethylene (HDPE)** with admixture of additives increasing dimensional stability and mechanical strain of protectors against temperature fluctuations and ultraviolet radiance. Making the thread on CNC lathe result in maximum precision of the thread and contact surfaces of the protectors, which fact ensures easy handling with said protectors and their application to pipes/tubes, providing precision protection of the pipe/tube thread against ambient wetness and other impurities, as well.



Available Sizes:

Size (inch)	End	
	Pin	Box
1 1/3	CENL/OE/OED	CENL/OE/OED
1 2/3	CENL/OE/OED	CENL/OE/OED
1 8/9	CENL/OE/OED	CENL/OE/OED
2 3/8	CENL/OE/OED	CENL/OE/OED
2 7/8	CENL/OE/OED	CENL/OE/OED
3 1/2	CENL/OE/OED	CENL/OE/OED
4 1/2	CENL/CEL/OE/OED	CENL/CEL/OE/OED
5	CENL/OE/OED	CENL/OE/OED
5 1/2	CEL/OE/OED	CEL/OE/OED
5 3/4	CEL/OE/OED	CEL/OE/OED

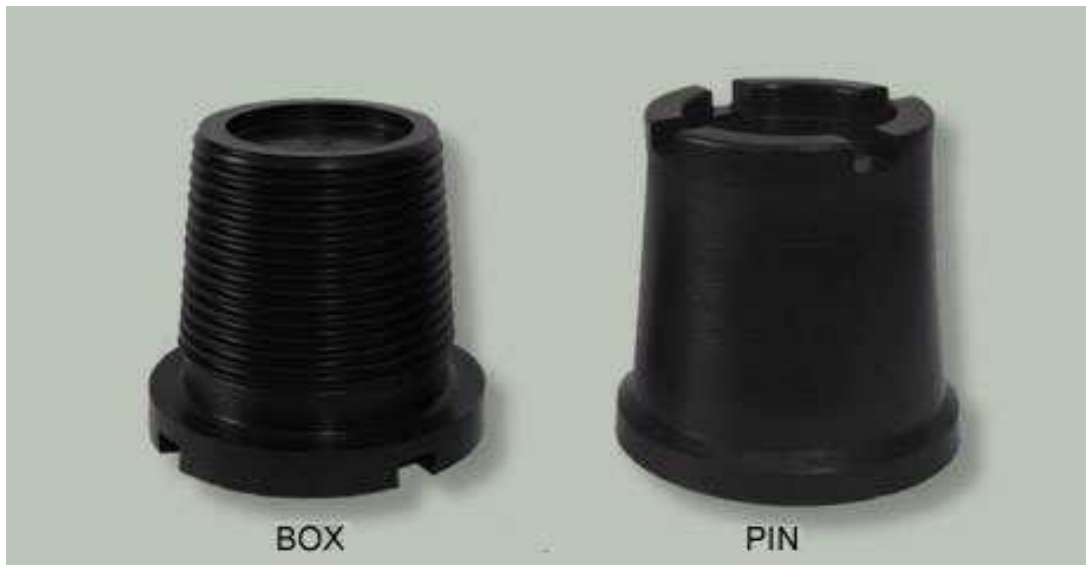
CEL - Closed End Lifiable  
 OE - Open End Lifiable

CENL - Closed End Non-Lifiable  
 OED - Open End Driftable

All protectors comply with standard API 5CT, 8th revision / ISO 11960.

## PA-I

Plastic protector for protection of threaded ends of drill pipes is made from **high density polyethylene (HDPE)** with admixture of additives increasing dimensional stability and mechanical strain of protectors against temperature fluctuations and ultraviolet radiance. Making the thread on CNC lathe result in maximum precision of the thread and contact surfaces of the protectors, which fact ensures easy handling with said protectors and their application to pipes/tubes, providing precision protection of the pipe/tube thread against ambient wetness and other impurities, as well.



Available Sizes:

Size (inch)	End	
	Pin	Box
2 3/8	CENL/OE/OED	CENL/OE/OED
2 7/8	CENL/OE/OED	CENL/OE/OED
3 1/2	CENL/OE/OED	CEL/OE/OED
4	CENL/OE/OED	CEL/OE/OED
4 1/2	CENL/OE/OED	CEL/OE/OED
5 1/2	CENL/OE/OED	CEL/OE/OED
6 5/8	CENL/OE/OED	CEL/OE/OED
7 5/8	CENL/OE/OED	CEL/OE/OED

CEL - Closed End Lifiable  
OE - Open End Lifiable

CENL - Closed End Non-Lifiable  
OED - Open End Driftable

All protectors comply with standard API 5CT, 8th revision / ISO 11960.