



Oilfield Solutions



SATADD™

Tubular Protection and Handling Systems

Thread Protectors

- Thread Protector Types:

- ALP – All Plastic
- ASM – Steel-Plastic Assembled

- API Connections:

- Tubing: 1.9” to 4-1/2”
- Casing: 4” to 24”
- Drill Pipe, Drill Collars: 2-3/8” to 7-5/8”

- Premium Connections:

- Tenaris
- Vam
- Hunting
- Voestalpine
- JFE
- HSC
- TPCO
- Baosteel
- Grant Prideco
- TPS



- Made of revolutionary composite resin that combines lightweight versatility with unmatched strength & durability
- Withstand all chemicals used in the field
- Easy to be recycled



ALP – All Plastic Thread Protectors

- Manufactured from a high density polyethylene
- Temperature tolerance in accordance with API 5CT (-50F to +150F / -46C to +66C)
- Meet API 5CT Latest Edition specifications
- Available in Heavy Duty & Standard Duty
- Corrosion resistance
- Impact resistance

- Available Colors:



RAL 9017



RAL 7004



RAL 6017



RAL 5015



RAL 5002



RAL 4006



RAL 3020



RAL 3013



RAL 2002



RAL 2000

ASM – Steel Plastic Assembled Thread Protectors

- With outside steel and inside plastic for PIN, and inside steel and outside plastic for BOX, ASM protectors are now widely used by OCTG mills



- ASM protectors are made of plastic blank which is pushed into a heavy-duty steel bucket with a Roll-Over Bumper. For both PIN and BOX, the Roll-Over Bumper can absorb severe impact without damaging the connection
- Threads are processed by CNC, which provides precise profile and engagement that makes excellent anti-stripping and anti-vibration performance during the transportation of OCTG



CAP – Line Pipe Protectors

- **The recessed cap is placed over the pipe-end and clamps on the external surface of the pipe**
- **Size Range: 5” to 20”**
- **Material: High Density Polyethylene**
- **Suitable for hook lifting and protects the internal pipe surface against penetration from water, dirt and dust**
- **Temperature Tolerance: -30 C to +60 C**



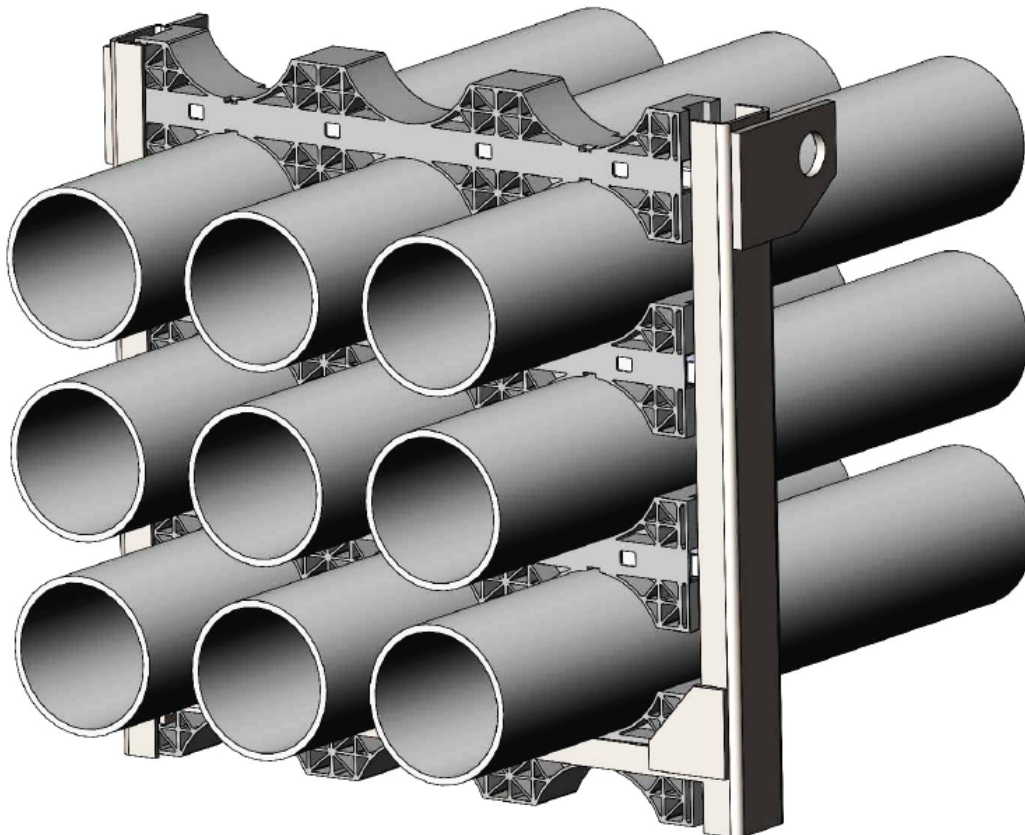
Bumper Rings

- Bumper rings have been specifically designed for chrome and high alloy tubular products
- Easy to install, keep pipe separated during processing, handling and storage
- The general use of pipe grades made of alloyed steel has raised the requirement standards for an improvement in the protection of pipe surfaces in the oil and gas industry
- Size Range: 2-3/8" to 24"
- Material: High Density Polyethylene



Pipe Packing System

- PPS Pipe Packing System has been designed to provide a safe, efficient, cost-effective, and easy-to-use method of transportation for tubular products
- The PPS exceeds existing pipe handling specifications, ensuring maximum safety for handling crew, the transporter, and the general public
- It also increases shipping flexibility to accommodate a variety of pipe sizes
- It can be easily assembled to accommodate any combination of tubular goods
- Available for all API tubulars sizes from 2 3/8" to 9 5/8"
- Lifting Capacity: Up to 12 Metric Tons



Pipe Packing System Configuration

	Total No of joints per package	Total No of	PPS-E				PPS-H			PPS-R		
			Weight of one segment	Weight of one frame	Package WIDTH	Package HEIGHT	Weight of one frame	Package WIDTH	Package HEIGHT	Weight of one frame	Package WIDTH	Package HEIGHT
			Kg	Kg	mm	mm	Kg	mm	mm	Kg	mm	mm
2 3/8"	8*7=56	8	3.58	28.64	718	765	47.24	800	765	36.44	800	765
2 7/8"	7*6=42	7	3.54	24.78	718	750	43.38	800	750	32.58	800	750
3 1/2"	6*5=30	6	3.72	22.32	718	735	40.92	800	735	30.12	800	735
4 1/2"	5*4=20	5	3.58	17.9	718	725	36.50	800	725	25.70	800	725
5"	4*4=16	5	3.18	15.9	718	780	34.50	800	780	23.70	800	780
5 1/2"	4*4=16	5	3.68	18.4	718	840	37.00	800	840	26.20	800	840
7"	3*3=9	4	4.14	16.56	718	810	35.16	800	810	24.36	800	810
9 5/8"	2*2=4	3	3.16	9.48	560	740	25.50	655	740	16.28	655	740





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Head Office:

Satadd Oilfield Solutions

P.O. Box 2261, Ellenbrook, WA 6069, Australia
Tel: +61 (0) 458 480 789, Fax: +61 (8) 9296 3701
Email: SOS@Satadd.com, Website: www.Satadd-OS.com