



Reliable Polymer Industries
PTFE COATING, LINING & FASTENERS



**WE TAKE CARE OF
CORROSION**

**ONE STOP
FOR BEST QUALITY**

**HIGH TENSILE FASTENERS &
FLUOROPOLYMER COATINGS**

We specialise in high tensile fasteners & fluoropolymer coatings. We have successfully executed various projects in oil and gas, refinery & petrochemical industries.

PRODUCT ADVANTAGES

- LOW CO-EFFICIENT OF FRICTION AS LOW AS 0.06.
- CONTROLLED TORQUE
- CHEMICAL RESISTANCE
- TEMPERATURE RESISTANCE FROM -225°C TO + 290°C.
- DRY LUBRICATION / ANTI-GALLING
- ABRASION/WEAR RESISTANCE & ANTI CORROSION
- CORROSION RESISTANCE (ASTM B 117) 500 TO 5000 HOURS
(AS PER PRIMER AND TOP COAT APPLIED)

PTFE COATING ON FASTENERS WILL HAVE THICKNESS RANGE FROM 25 ± 5 microns to 45 ± 5 MICRONS.

Why settle for this...



...When you can have this



www.rpiindia.com



FASTENERS AND COATINGS

SPECIFICATIONS: ANSI/ ASME B18.2.1 & ANSI/ ASME B18.2.2 , F436
SIZE :- FROM DIA M12 - M90, ½” – 3.½”, UNC / 8UN

TYPES:

- HEX BOLTS, STUD BOLTS
- THREADED RODS, HEX NUTS
- HEAVY HEX NUT WITH TOMMY BAR HOLES
- PLAIN WASHERS,
- SPECIAL WASHERS
- SPECIAL DESIGN FOR CUSTOMER.

MATERIAL:

- ASTM A193 GR. B7, B8, B8M, B16
- ASTM 320-L7, L7M, L43,
- ASTM A 194 GR. 2H, 2HM, 7, 7M, 8, 8M
- ASTM A453 GR. 660 A & B.

COATINGS:

- ELECTRO GALVANIZING
- ZINC FLAKE COATINGS
- ZINC PHOSPHATE
- ZINC NICKEL PLATING
- XYLAR®
- XYLAN®
- PTFE (FLUOROPOLYMER) COATINGS

APPLICATIONS FIELDS:

- INDUSTRIAL FASTENERS ○ HEAVY ENGINEERING
- HIGH CORROSION RESISTANCE APPLICATIONS
- MARINE STRUCTURES ○ SHIP BUILDING ○ RAILWAYS
- OIL & GAS APPLICATIONS ○ PROCESS PIPING
- PIPE FITTING ○ FLANGES ○ INDUSTRIAL VALVES



**ESPECIALLY USED IN OFFSHORE, REFINERIES, PETROCHEMICALS
 FERTILIZER AND ACIDIC ENVIRONMENTS.**