

API 5CT, Annex-I, 10th Edition Summarized



API requires thread protectors to meet 5CT, casing and tubing. For non-technical personnel, this specification may be difficult to understand so we have created a simple summary of the requirements.

All thread protectors purchased and used should meet the criteria on the right when Annex-I thread protectors are required on the purchasing agreement. Any thread protector that does not meet all criteria above will not be in compliance with API's 5CT, Annex-I, 10th edition specification.

API 5CT Requirements

- Protectors must be designed to perform in temperatures ranging from -50°F to 150°F
- Design assists in corrosion minimization and moisture intrusion
- Capable of a snug fit with the face of the pin or coupling as applicable
- Manufactured from material that prevents galling and has sufficient thread engagement to ensure performance
- Provides protection from ultraviolet deterioration for at least 1 year
- Must pass all tests to the manufacturer's design requirements including
 - Dimensional Stability
 - Torque and Vibration
 - Axial Impact
 - Angular Impact
 - Corrosion
 - Stripping
 - Hookability



For more recommendations about pipe protection and choosing the right level of protection, contact us at: 877.276.9208

9035 Solon Road, Houston, Texas 77064, USA