Champion PTFE Tape

CT-125 / 190 / 250

Champion PTFE Thread Sealant Tape

0.6 g/cm³High Density, Zero Leakage HPCL, BPCL, IOCL approved for LPG / CNG Cylinders



Champion PTFE Thread Sealant Tape is a

high purity, high density tape manufactured using premium grade virgin PTFE. Champion PTFE Tapes are resistant to a broad range of corrosive chemicals, gases, acids and liquids.

Key Features:

- Lower porosity due to high density.
- Compatible with broad range of gases, and liquids across various piping materials.
- Does not harden / crack on joints.
- Easily removable for maintenance.
- Effective across wide range of temperatures and pressures.
- Prevents electrolytic corrosion of threaded joints.
- Zero curing time, unlimited shelf life, non-flammable.

Applications:

Champion PTFE Thread Sealant Tapes

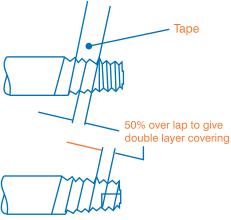
are used for various media applications ranging from corrosive chemicals, water, gas, lubricant, oil.



Thread Wrapping Method

Instructions for proper usage:

- For threads up to 1½" diameter, use ½" width of thread seal tape. For > 1½" diameter, use ¾" or 1" width of thread seal tape.
- Clean the male and female threads thoroughly before application.
- Wind the tape around the male thread by hand, using a constant minimal tension sufficient for the tape to take up the form of the thread.
- The tape should be wound in a helical fashion with a 50% overlap in the direction of the thread so that when the connection is completed the finishing end of the tape remains in position.
- The tape width should not exceed the length of the thread form.



Start

OPERATING PARAMETERS:

Minimum Operating Temperature: $-240^{\circ}C / -400^{\circ}F$ Maximum Operating Temperature: $+260^{\circ}C / +500^{\circ}F$ Maximum System Pressure':

Gas: 2 Mpa / 20 Bar (300 psi) Liquids: 0.7 Mpa / 7 Bar (100 psi)

Thread Range:

1/8" to 3" NPT, BST, Metric Threaded Parts Material:

Suitable for all metal and plastic valves.

Chemical Resistance:

Extreme resistance to chemicals, corrosives, caustics, oils, solvents and gases.

Approved for Use:

Food processing, chemical, medical, water, gases and oils.

PHYSICAL PROPERTIES:

Color: Natural (White) non-pigmented Purity: 99.9% minimum virgin PTFE Toxicity: Non-toxic Shelf Life: Indefinite, under ideal storage conditions Flammability Non-flammable Density:

> 0.6 g/cm³ Thickness:

0.075 mm/3 mil

Tensile (Longitudinal) ASTM D-882 > 8 N/mm²(1.8 lbs/in)² Elongation (Longitudinal):

25% minimum

*Pressure rating is relative to the torque and quality of threads and amount of tape used

How to Identify Original Champion PTFE Thread Sealant Tapes?



8. All Champion PTFE Tape spools are shrink wrapped with Champion logo printed on the plastic shrink wrapper for each set of tapes, along with identifiable batch number, MRP.



How to Identify the Original Champion PTFE Thread Sealant Tapes?

- 1. Look for "Champion" Logo on the plastic spool as shown in the photo.
- 2. Look for Density 0.6 g/cm³ as shown in the photo.
- 3. Look for website on the spool as shown in the photo.
- 4. Look for the "HAMMER IN HAND LOGO".
- 5. Look for the manufacturers name: "CHAMPION SEALS INDIA PRIVATE LIMITED".
- 6. Look for "IS 14643:1999".
- 7. Look for "Gold embossing on both sides of the spool".

મૂળ ચેમ્પિયન પીટીએફઇ થ્રેડ સીલંટ ટેપ્સને કેવી રીતે ઓળખવી?

- 1. ફોટામાં બતાવ્યા પ્રમાણે પ્લાસ્ટિક સ્પૂલ પર "ચેમ્પિયન" લોગો જુઓ.
- 2. ફોટોમાં બતાવ્યા પ્રમાણે ધનતા 0.6 g/cm³ માટે જુઓ.
- 3. ફોટામાં બતાવ્યા પ્રમાણે સ્પૂલ પર વેબસાઇટ જુઓ.
- 4. "હેમર ઇન હેન્ડ લોગો" માટે જુઓ.
- 5. ઉત્પાદકોના નામ માટે જુઓ: "CHAMPION SEALS INDIA PRIVATE LIMITED".
- 6. "IS 14643:1999" માટે જુઓ.
- 7. "સ્પૂલની બંને બાજુઓ પર ગોલ્ડ એમ્બોસિંગ" માટે જુઓ.

কিভাবে আসল চ্যাম্পিয়ন PTFE থ্রেড সিলেন্ট টেপ

সনাক্ত করতে হয়?

- 1. ফটোতে দেখানো প্লাস্টিকের স্পুলে "চ্যাম্পিয়ন" লোগো খুঁজুন।
- 2. ফটোতে দেখানো হিসাবে ঘনত্ব 0.6 g/cm³ দেখুন।
- ফটোতে দেখানো হিসাবে স্পুলটিতে ওয়েবসাইট সন্ধান করুন।
- 4. "হ্যামার ইন হ্যান্ড লোগো" সন্ধান করুন।
- 5. নির্মাতাদের নাম দেখুন: "CHAMPION SEALS INDIA PRIVATE LIMITED".
- 6. "IS 14643:1999" সন্ধান করুন।
- 7. "স্পুলের উভয় পাশে সোনার এমবসিং" সন্ধান করুন।

அசல் சாம்பியன் PTFE த்ரெட் சீலண்ட் டேப்களை எவ்வாறு அடையாளம் காண்பது?

- புகைப்படத்தில் காட்டப்பட்டுள்ளபடி பிளாஸ்டிக் ஸ்பூலில் "சாம்பியன்" லோகோவைப் பார்க்கவும்.
- புகைப்படத்தில் காட்டப்பட்டுள்ளபடி ஸ்பூலில் வலைத்தளத்தைத் தேடுங்கள்.
- 4. "ஹேம்மர் இன் ஹேண்ட் லோகோவை" பார்க்கவும்.
- 5. உற்பத்தியாளர்களின் பெயரைத் தேடுங்கள்: "CHAMPION SEALS INDIA PRIVATE LIMITED".
- 6. "IS 14643:1999" ஐப் பார்க்கவும்.
- "ஸ்பூலின் இருபுறமும் தங்கப் புடைப்பு" என்பதைத் தேடுங்கள்.

मूल चैंपियन PTFE थ्रेड सीलेंट टेप की पहचान कैसे करें?

- 1. फोटो में दिखाए अनुसार प्लास्टिक स्पूल पर "चैंपियन" लोगो देखें।
- 2. फोटो में दिखाए अनुसार घनत्व 0.6 g/cm³ देखें।
- 3. फोटो में दिखाए अनुसार स्पूल पर वेबसाइट देखें।
- 4. "हैमर इन हैंड लोगो" देखें।
- 5. निर्माताओं के नाम की तलाश करें: "CHAMPION SEALS INDIA PRIVATE LIMITED".
- 6. "IS 14643:1999" के लिए देखें।
- 7. "स्पूल के दोनों ओर गोल्ड एम्बॉसिंग" देखें।

ಮೂಲ ಚಾಂಪಿಯನ್ PTFE ಥ್ರೆಡ್ ಸೀಲಾಂಟ್ ಟೇಪ್ ಅನ್ನು ಹೇಗೆ ಗುರುತಿಸುವುದು?

- ಪೋಟೋದಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ ಪ್ಲಾಸ್ಟಿಕ್ ಸ್ಪೂಲ್ನಲ್ಲಿ "ಚಾಂಪಿಯನ್" ಲೋಗೋವನ್ನು ನೋಡಿ.
- 2. ಫೋಟೋದಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ 0.6 g/cm3 ಸಾಂದ್ರತೆಯನ್ನು ನೋಡಿ.
- 3. ಫೋಟೋದಲ್ಲಿ ತೋರಿಸಿರುವಂತೆ ಸ್ಪೂಲ್ನಲ್ಲಿ ವೆಬ್ಸೈಟ್ ಪರಿಶೀಲಿಸಿ.
- 4. "ಹ್ಯಾಮರ್ ಇನ್ ಹ್ಯಾಂಡ್ ಲೋಗೋ" ನೋಡಿ.
- 5. ತಯಾರಕರ ಹೆಸರನ್ನು ನೋಡಿ: "CHAMPION SEALS INDIA PRIVATE LIMITED".
- 6. "IS 14643 : 1999" ಗಾಗಿ ನೋಡಿ.
- 7. "ಸ್ಪೂಲ್ನ ಎರಡೂ ಬದಿಯಲ್ಲಿ ಚಿನ್ನದ ಎಂಬೋಸ್ಸಿಂಗ್" ನೋಡಿ.

TECHNICAL DATA SHEET				
PRODUCT	CHAMPION CT-125	CHAMPION CT-190	CHAMPION CT-250	
Width (± 0.3 mm)	0.5" (12.5 mm)	3/4" (19 mm)	1" (25 mm)	
Length (± 0.175 M)	12 Meters (13 yards)	12 Meters (13 yards)	12 Meters (13 yards)	
Density (± 0.05 g/cm)	0.6 g/cm³	0.6 g/cm ³	0.6 g/cm ³	
Application	Water/Steam	LPG/CNG/Gas cylinders self closing valves	Chemical/Pharma/Piping	
Thickness (± 0.0075 mm)	0.075 mm	0.075 mm	0.075 mm	
Identification - Colour (Material / Spool)	White / Red	White / Blue	White / Green	
Standard Packaging	5 spools shrink wrapped 1,000 spools per box	4 spools shrink wrapped 800 spools per box	3 spools shrink wrapped 600 spools per box	



Disclaimer: Information given in this datasheet is based on general experience and given in good faith. As the company's products are used for a multiplicity of purposes without control over the method of installation or selection or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and or their fitness for any purpose. Any technical cooperation is given in good faith without any liability on part of the company whatsoever.

To ensure you are working with the very latest product specifications, please consult the relevant section of the Champion website: www.championseals.in

CHAMPION SEALS INDIA PRIVATE LIMITED



Champion House, 15 Parsi Panchayat Road, Andheri (East), Mumbai – 400069. INDIA Product Inquiry (India) : sales@championseals.in Product Inquiry (Exports): exports@championseals.in General Inquiry : info@championseals.in Customer Care Number : +919820171162 Website : www.championseals.in





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