



YÜKSEL TEKNİK
SOĞUTMA SANAYİ VE TİCARET LTD. ŞTİ.

Cf coldtherm-flex®

COLDTHERM-FLEX Kapiler Hortum ve Bağlantı Elemanları

COLDTHERM-FLEX Capillary Hose and Fittings

Coldtherm-Flex, DN2 ve DN5 hortumlarda rahatlıkla kullanılabilecek çeşitli seçeneklerde bağlantı elemanları sunmaktadır. Ayrıca istekler doğrultusunda farklı dizaynlarda üretimde mümkündür. Coldtherm-Flex hortum ve bağlantı elemanları Soğutma, Havalandırma ve HVAC sektörleri için ideal çözümdür.

Coldtherm-Flex kullanım alanları

- Yağ ayırıcı, seviye regülatörü (DN5)
- Manometreler
- Su akış kontrolü
- Basınç anahtarları
- Basınç dönüştürücüleri
- Fan hız kontrolü v.b.

Coldtherm-Flex offers wide range of different fittings which help customers to use for DN2 and DN5 hoses. In addition thanks to our production flexibility that provide customer required design. Coldtherm-Flex capillary hoses and fittings are the best options for Refrigeration, Air-Conditioning and HVAC industries.

Coldtherm-Flex suitable for the connctions of;

- Oil seperators, level regulators (DN5)
- Manometers
- Water flow controls
- Pressure switches
- Pressure transducers
- Fan speed controls and more



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2mm KAPİLER HORTUM APARATLARI
2mm CAPILLARY FITTINGS



1/4" (7/16" UNF)

101



1/4" (7/16" UNF)

102



1/4" (7/16" UNF)

121



141



1/4" (7/16" UNF)

142



1/4" (7/16" UNF)

143



1/4" (7/16" UNF)

144



1/4" (7/16" UNF)

145



146

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5mm KAPİLER HORTUM APARATLARI (SIKMALI)
5mm CAPILLARY CRIMPING FITTINGS



1/4" (7/16" UNF)

201



1/4" (7/16" UNF)

221



3/8" (5/8" UNF)

241



3/8" (5/8" UNF)

261



1/4" (7/16" UNF)

202



1/4" (7/16" UNF)

222



282



3/8" (5/8" UNF)

242



3/8" (5/8" UNF)

262

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5mm KAPİLER HORTUM APARATLARI (VİDALI)
5mm CAPILLARY SCREW FITTINGS



1/4" (7/16" UNF)

301



1/4" (7/16" UNF)

321



3/8" (5/8" UNF)

341



3/8" (5/8" UNF)

361

6mm KAPİLER HORTUM APARATLARI (SIKMALI)
6mm CAPILLARY CRIMPING FITTINGS



3/8" (5/8" UNF)

742

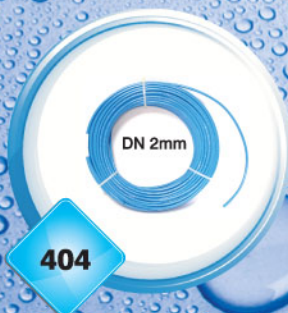
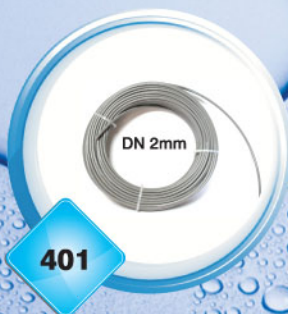


3/8" (5/8" UNF)

762

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HORTUMLAR
HOSES



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COLDTHERM-FLEX ALETLER // COLDTHERM-FLEX TOOLS
COLDTHERM-FLEX PARÇALAR // COLDTHERM-FLEX PARTS

DN 2 mm Sıkma Pensesi
DN 2 mm Crimping Tool



501

DN 2 mm Hortum Makası
DN 2 mm Tube Cutter



502

DN 5 mm Hortum Makası
DN 5 mm Tube Cutter



5021

DN 5mm Manuel
Hidrolik Sıkma Aleti
DN 5mm Manuel
Hydraulic Crimping Tool



504

Pirinç Yüksük 2mm
Brass Sleeve 2mm



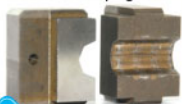
601

Depresör
Depressor



602

DN 5mm Sıkma Aleti için Kalıp
Die For Crimping Tool



603

Bakır Pul 1/4"
Copper Gasket 1/4"



Bakır Pul 3/8"
Copper Gasket 3/8"



604-605

Pirinç Yüksük 5mm
Brass Sleeve 5mm



606

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COLDTHERM-FLEX DN2 Kapiler Hortum Sıkma Tertibatı İçin Montaj Talimatı
Assembly Instructions For Coldtherm-Flex DN2 Capillary Hose



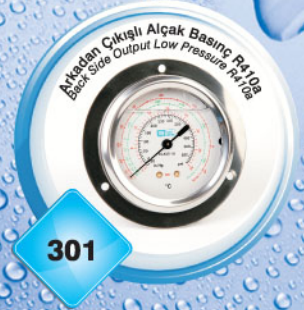
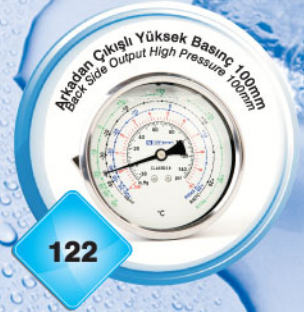
COLDTHERM-FLEX DN5 Kapiler Hortum Sıkma Tertibatı İçin Montaj Talimatı
Assembly Instructions For Coldtherm-Flex DN5 Capillary Hose



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MANOMETRELER

COLD-GAUGE MANOMETERS



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MANOMETRELER COLD-GAUGE MANOMETERS

YAPISAL ÖZELLİKLER / CONSTRUCTIVE PROPERTIES

MONTAJ TİPİ / Mounting Type	STANDART Arka Bağlantılı Önden Flanşlı / Back side connections Alt Bağlantılı Arka Flanşlı / Bottom Connection
ÖLÇÜ BİRİMİ / Scale Unit	Bar-psi
ÖLÇÜ ARALIĞI / Scale Range (PN)	-1/+10 bar -1/+10 bar -1/+40 bar -1/+60 bar Gazlar / Gases : R404a - R407c - R134a - R410a
GÖVDE / KAPAK - Case / Ring	Paslanmaz Çelik / Stainless Steel
GÖRÜNÜM LEVHASI / Window	Akrilik/ Acrylic
MEKANİZMA/ Movement	Princ/ Brass
BASINÇ ORGANI / Wetted Parts	Bakır Alaşımı/ Cu-Alloy
BAĞLANTI/ Connection	7/16"UNF
KADRAN / Dial	Plastik ABS / Plastic ABS
İBRE / Pointer	Plastik
BİRLEŞTİRME KAYNAĞI / Welding	Lehim/ Soldering

KULLANIM ÖZELLİKLERİ / USAGE PROPERTIES

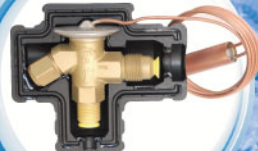
AKIŞKAN SICAKLIĞI / Fluid Temperature	maksimum + 60°C / max + 60°C
ORTAM SICAKLIĞI / Ambient Temperature	-20 ... +60 °C
ÇALIŞMA BASINCI (max.) Operating Pressure (max.)	Tam skala değeri maksimum %75' i geçmemelidir. Must not exceed 75 % of full scale.
AŞIRI BASINÇ SINIRI / Over Pressure Limit	≤40 bar PN x 1.25 >40 bar PN x 1.15
HASSASIYET SINIFI / Accuracy Class	KL 1,6
UYGUNLUK / Conformity	EN 837 – 1
OPTİMUM ÖLÇÜ ARALIĞI / Optimum Operating Range	0,1 x PN ve 0,75 x PN aras•nda
KORUMA SINIFI / Protection Rate	IP 65 per EN 60529 / IEC 529
DEPOLAMA SICAKLIKLARI / Storage Temperature	-40 ... +70 °C
MEKANİK ŞOK TEST YÜKÜ / Mechanical Shock Test Load	15g
MEKANİK TİTREŞİM TESTİ / Mechanical Vibration Test	10 Hz ile 150 Hz -1 oktav/dk. 2s / 3 eksen 10 Hz with 150 Hz -1 octave/dk. 2s / 3 axis

- Dinamik basınç ölçümlerinde,
- Ani basınç değişimlerinde,
- Titreşimli yerlerde,
- Sürekli değişken basınç ölçümlerinde kullanılırlar.

- Dynamic pressure measurements,
- The sudden pressure change,
- Vibrating areas,
- Continuously variable pressure measurements

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COLDTHERM-FLEX COVER



Termostatik Expansion Valfler İçin İzolasyon

- Yaygın kullanılan markalara uygun Universal dizayn
- İç ve dış dengeye uygun kompakt dizayn
- Montaj kolaylığı
- Güçlü izolasyon özelliği
- -45°C sıcaklığa kadar inebilme özelliği
- Buzlanma engelleyici özellik
- Estetik görünüm

Isolation for Thermostatic Expansion Valve

- Universal design, suitable for many brands
- Compact design suitable for internal and external balance
- Easy assembly
- Strong insulating properties
- Temperatures down to -45°C
- Ice blocking
- Stylish appearance

COLDHOSE SARJ HORTUMLARI COLDHOSE MANIFOLD HOSES



Teknik Özellikler

- 90, 120, 150, 180 cm boyutlarında.
- 60 bar / 870 psi çalışma basıncı.
- Teflon Contalı.
- R22, R134a, R407c, R410a gazları ile uyumludur.

Technical Specifications;

- Available length: 90, 120, 150, 180
- Working pressure: 60 bar/870 psi
- With teflon gasket
- Suitable for R22, R134a, R407c, R410a refrigerants

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**BUREAU
VERITAS**

INDUSTRY & FACILITIES

FACTORY APPROVAL CERTIFICATE n° 001
Certificat d'approbation d'usine

Client's name and address:

Yüksel Teknik Soğutma Sanayi ve Ticaret Ltd. Şti.

Name and address of the factory:

Tarlabası Bulvarı Keresteci Recep Sk. No:6 Beyoğlu, İstanbul, TURKEY.

Type(s) of product and component manufactured:

Thermoplastic hoses for low, medium and high pressures and fittings;

Yearly production: 200.000 meters for each item.

After examination of the following documents:

o Factory Audit Report n° 1 dated 03.02.2010

o Test Reports for Type Approval n° 423, 290, 291, 292, 293 dated
14/15.01.2010

the undersigned, Inspector to Bureau Veritas, certifies that the above factory meets the applicable requirements for the production of the product and associated components referenced above.

This approval remains valid as long as no significant changes are made to the audited facility, its production rate and its quality system. These conditions are assessed during each inspection of series.

This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BV procedure GM SI 210.

Inspected by:

Name: Onur TOPUZ Signature:

Date of issue: 03.02.2010

Inspection centre: BV Turkey



Checked by:

Name: Mustafa EYÜBOĞLU Signature:

Tarlabası Bulvarı Keresteci Recep Sokak No:6 Beyoğlu / İSTANBUL
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