UNIDELTA

DELTALL

SISTEMA UNIDELTA

TUBI MULTISTRATO, RACCORDI A PRESSARE, COLLETTORI E ATTREZZATURE

MULTILAYER PIPES, PRESS FITTINGS, MANIFOLDS AND TOOLS

TUBE MULTICOUCHES, RACCORDS À SERTIR, COLLECTEURS ET OUTILLAGES

TUBOS MULTICAPA, ACCESORIOS A PRENSAR, COLECTORES Y EQUIPOS

MEHRSCHICHTROHRE, DRUCKANSCHLÜSSE, KOLLEKTOREN UND WERKZEUGE

МНОГОСЛОЙНЫЕ ТРУБЫ, ПРИЖИМНЫЕ ПЕРЕХОДНИКИ, КОЛЛЕКТОРЫ И ИНСТРУМЕНТЫ

Listino Prezzi L2403

UNIDELTA

THE PERFECT BALANCE BETWEEN
FLEXIBILITY AND RESISTANCE

DELTALL

UNIDELTA SYSTEM

INDICE - INDEX - INDICE
INDICE - INHALTSVERZEICHNIS - УКАЗАТЕЛЬ

Informazioni generali p.2
General specifications p.4
Informations générales p.6
Informaciones genericas p.8
Allgemeine Informationen p.10
общая информация p.12

DeltAll: Tubo multistrato PEX-AL-PEX - PEX AL PEX multi-layer pipe p.14
DeltAll: Tube multicouches PEX AL PEX - Tubo multicapa PEX AL PEX .....
DeltAll: Mehrschichtrohr PEX AL PEX - Многослойная труба PEX AL PEX .....

DeltAll-Iso: Tubo multistrato preisolato PEX-AL-PEX - PEX AL PEX pre-insulated multi-layer pipe p.16
DeltAll-Iso: Tube multicouches pré-isolé PEX AL PEX - Tubo multicapa preaislado PEX AL PEX .....
DeltAll-Iso: Vorisoliertes Mehrschichtrohr PEX AL PEX - Многослойная предварительно изолированная труба PEX AL PEX

DeltAll-Pipe in Pipe: Tubo multistrato sfilabile - Sheathed multi-layer pipe p.19
DeltAll-Pipe in Pipe: Tube multicouche pré-gainé - Tubo multicapa enfundado .....
DeltAll-Pipe in Pipe: Umhülltes Mehrschichtrohr - Многослойная труба с кожухом .....

DeltAll-MultiProfile: Raccordi in ottone a pressare - Brass Press fittings p.21
DeltAll-MultiProfile: Raccords en laiton à sertir - Accesorios de latón a prensar .....
DeltAll-MultiProfile: Druckanschlüsse aus Messing - Прижимные латуневые переходники .....

DeltAll **Press Safety**: Raccordi in ottone a pressare - Brass Press fittings p.27
DeltAll **Press Safety**: Raccords en laiton à sertir - Accesorios de latón a prensar .....
DeltAll **Press Safety**: Druckanschlüsse aus Messing - Прижимные латуневые переходники .....

Accessori per raccordi Deltall MultiProfile e DeltAll Press Safety..... p.35
Accessories for Deltall MultiProfile and DeltAll Press Safety fittings .....
Accessoires pour raccords Deltall MultiProfile et DeltAll Press Safety .....
Accesorios para racores Deltall MultiProfile y DeltAll Press Safety .....
Zubehör für Verbindungen Deltall MultiProfile und DeltAll Press Safety .....
Комплектующие для фитингов Deltall MultiProfile и DeltAll Press Safety .....

DeltAll: Raccordi in ottone a stringere - Brass screw fittings p.36
DeltAll: Raccords en laiton à serrer - Accesorios de latón a apretar .....
DeltAll: Messinganschlüsse zum Festziehen - Прижимной латуневый переходник .....

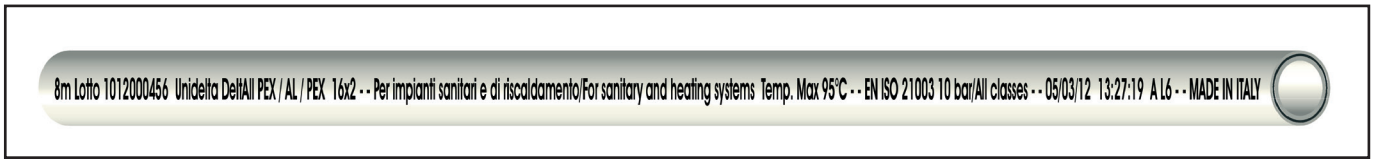
DeltAll: Collettori - Manifolds p.37
DeltAll: Collecteurs - Colectores .....
DeltAll: Kollektoren - Колекторы .....

DeltAll: Attrezzature - Tools p.39
DeltAll: Outillages - Equipos .....
DeltAll: Werkzeuge - Инструменты .....

Tubo

Unidelta produce il tubo multistrato PEX-AL-PEX DeltAll. Il tubo è composto da 5 strati: uno strato interno realizzato in polietilene reticolato PEX, uno di collante, uno strato di alluminio **StarK**, un altro di collante e uno strato esterno realizzato ancora in polietilene reticolato.

Figura 1. DeltAll: la marcatura



DeltAll unisce i vantaggi della plastica a quelli del metallo e garantisce: grande flessibilità che consente una facile, sicura e stabile piegatura del tubo; eccellente resistenza sia agli acidi che alle basi; elevato coefficiente di isolamento acustico; assoluta atossicità che lo rende igienicamente e tossicologicamente adatto al trasporto di fluidi alimentari e di acqua potabile; elevate portate con ridottissime perdite di carico: resistenza all'invecchiamento, all'abrasione, alle alte temperature e alla pressione; impermeabilità all'ossigeno.
Sulla base della classificazione proposta dalla normativa EN ISO 21003, i tubi DeltAll possono essere impiegati per tutte le classi di applicazione.

Tabella 1. DeltAll: le caratteristiche tecniche

Caratteristiche Tecniche DeltAll	
Temperatura massima	95°C
Pressione massima	10 bar
Conduttività termica	0,43 W/m·K
Coefficiente dilatazione termica	0,026 mm/m·K
Rugosità interna	0,007 mm
Raggio minimo di curvatura a mano	5 x d_e
Raggio minimo di curvatura con utensile	4 x d_e

DeltAll è disponibile anche nella versione isolata (DeltAll-Iso) in ottemperanza a quanto previsto dalla legge 10/91 e successivi aggiornamenti. Il rivestimento è realizzato in polietilene espanso autoestinguente Classe 1 ed è rifinito con una pellicola esterna estrusa che conferisce al tubo una ulteriore protezione meccanica. La conduttività termica della guaina è molto contenuta (0,0397 W/m·K). Il tubo preisolato DeltAll-Iso è di colore azzurro o rosso per uso sanitario e per il riscaldamento e di colore verde per il condizionamento e la refrigerazione.

Figura 2. DeltAll-Iso: la marcatura

Il tubo Unidelta DELTALL viene prodotto anche in versione sfilabile. Il tubo è inserito in una guaina (tubo corrugato) di diametro adeguato. Grazie a questa soluzione si possono rimpiazzare rapidamente e senza difficoltà eventuali tratti di tubazione danneggiati evitando grossi lavori sulle murature. Inoltre utilizzando tubi inseriti in guaine di colore blu o rosso è possibile individuare con facilità la tipologia del circuito (acqua calda - acqua fredda).

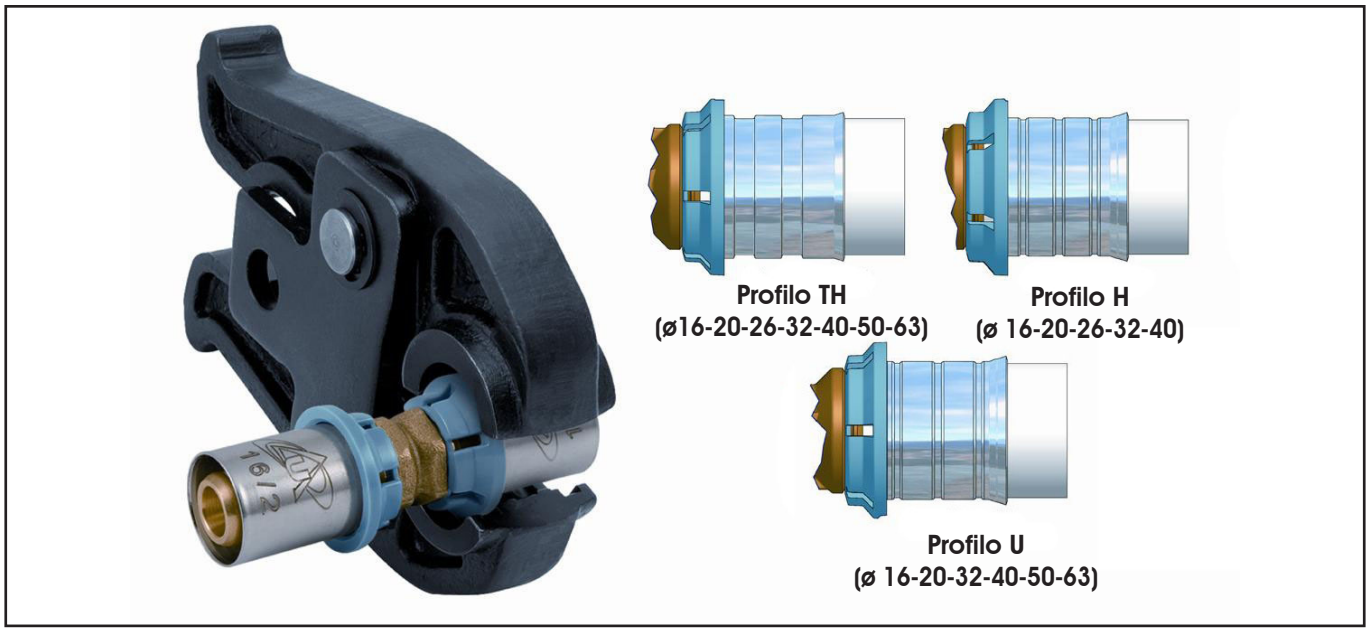
Figura 3. I marchi di qualità

CZECH REPUBLIC FRANCE GERMANY RUSSIA UKRAINE

Raccordi

Unidelta produce i raccordi a pressare DeltAll MultiProfile (DeltAll MP) e DeltAll MultiProfile Press Safety.
L'innovativo raccordo multiprofilo è stato pensato e realizzato per essere utilizzato indifferentemente con i profili di pinzatura più diffusi. DeltAll MP è idoneo per il trasporto di acqua potabile. Il corpo del raccordo è realizzato in lega di ottone e la presenza di due o-ring garantisce una maggiore sicurezza di tenuta idraulica. La lavorazione del profilo a dente di sega del portagomma garantisce una assoluta resistenza allo sfilamento. DeltAll MP permette di controllare il corretto posizionamento del tubo nel raccordo, grazie alla finestra ricavata nel portabussola di plastica blu.
I raccordi DeltAll MP sono idonei ad essere utilizzati in tutte le classi di applicazione con una pressione massima di 10 bar.

Figura 4. Profili delle ganasce utilizzabili con il sistema DeltAll



Per ulteriori informazioni in merito ai raccordi DeltAll MultiProfile Press Safety vedere pag. 27.

Collettori

Unidelta offre due tipologie di collettori in ottone: collettori di distribuzione semplice e collettori con valvole di regolazione, con attacchi maschio-femmina (M.F.) che permettono l'allungamento dello stesso assemblando più collettori in sequenza.
Questi collettori soddisfano i requisiti di tutte le classi di applicazione con una pressione massima di 10 bar.
Sia i collettori di distribuzione semplice sia i collettori con valvole di regolazione sono disponibili in diametri ¾" e 1" con due, tre, o quattro derivazioni da ½" standard e ¾" eurocono.

Legenda

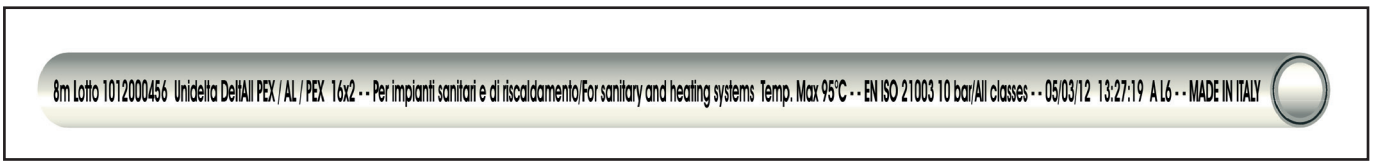
Simboli	Descrizione
d_e	Diametro esterno
e	Spessore
d_i	Diametro interno
d_{eg}	Diametro esterno guaina
F	Formato
DIM	Dimensione
S-iso	Spessore isolamento
PACK	Numero pezzi in scatola
R25	Rotoli da 25 metri
R50	Rotoli da 50 metri
R100	Rotoli da 100 metri

Simboli	Descrizione
R200	Rotoli da 200 metri
R300	Rotoli da 300 metri
R500	Rotoli da 500 metri
B4	Barre da 4 metri
B5	Barre da 5 metri
Pallet A	Numero di rotoli (n°) e metri totali (m) su bancale A
Pallet B	Numero di rotoli (n°) e metri totali (m) su bancale B
Fascio	Numero di barre (n°) e metri totali per confezione

Pipe

Unidelta produces the PEX-AL-PEX DeltAll multi-layer pipe. The pipe comprises 5 layers: an internal layer of PEX crosslinked polyethylene, a layer of glue, one of aluminium **StarK**, another of glue and an external layer also of crosslinked polyethylene.

Figure 1. DeltAll: the marking



DeltAll combines the advantages of plastic with those of metal and guarantees: great flexibility that makes it safe, easy and steady to fold the pipe; excellent resistance to acids and bases; high acoustic insulation coefficient; absolute non-toxicity that makes it hygienically and toxicologically suited to transportation of liquid food and drinking water; high capacity with minimal pressure drop; resistance to ageing, abrasion, high temperatures and pressure; impermeability to oxygen.
On the basis of the classification proposed by the EN ISO 21003 regulation, DeltAll pipes can be used for all the applications classes.

Table 1. DeltAll: Technical Features

DeltAll Technical Features	
Maximum temperature	95°C
Maximum pressure	10 bar
Heat conductivity	0,43 W/m·K
Thermal dilation coefficient	0,026 mm/m·K
Internal roughness	0,007 mm
Minimum radius of curvature by hand	5 x d_e
Minimum radius of curvature with tool	4 x d_e

DeltAll is also available in the insulated version (DeltAll-Iso) in compliance with the provisions of Law 10/91 and subsequent updates. The lining is made of Class 1 self-extinguishing expanded polyethylene and is finished with an external extruded film which gives the pipe further mechanical protection. The DeltAll Iso pre-insulated pipe is a light blue or red colour for domestic water and heating use and a green colour for air-conditioning and refrigeration.

Figure 2. DeltAll-Iso: the marking

Unidelta DELTALL pipes in single layer as well as gas permeability barrier versions, are also manufactured in extractable form. The pipes are inserted in a sheath (corrugated tube) with an adequate diameter. This solution allows damaged pipe sections to be easily and quickly replaced where necessary, avoiding major disruption of walls. Furthermore, by inserting pipes in colour-coded blue or red sheaths, the type of circuit can be easily identified (hot water – cold water).

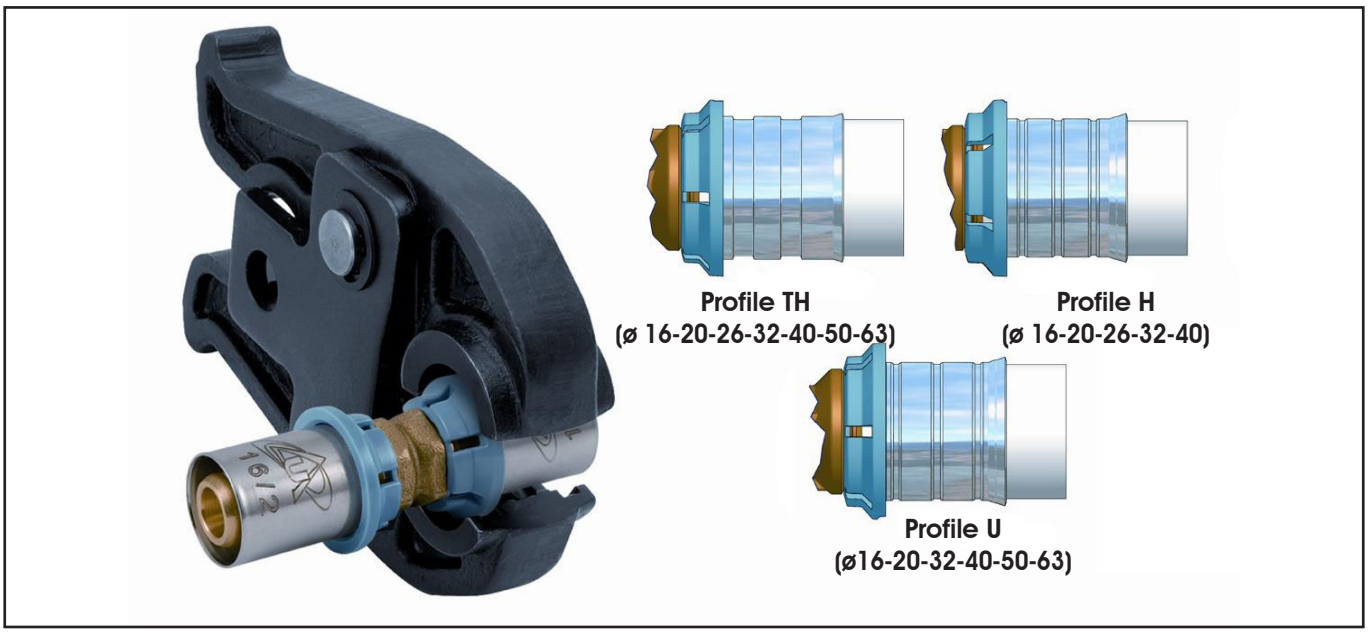
Figure 3. Quality marks

CZECH REPUBLIC FRANCE GERMANY RUSSIA UKRAINE

Fittings

Unidelta produces DeltAll MultiProfile (DeltAll MP) fittings with press ends and DeltAll MultiProfile Press Safety.
The innovative multi-profile fitting was devised and created for implementation with all commonly used crimping profiles. DeltAll MP is perfect for the flow of potable water. The body of the fitting is made of brass alloy and two o-rings guarantee an extremely safe hydraulic seal. The working of the sawtooth profile of the outlet connector guarantees absolute resistance to disengagement. DeltAll MP allows you to check correct positioning of the pipe in the fitting, thanks to the blue plastic window on the sleeve.
The DeltAll MP fittings can be used in all classes of application at a maximum pressure of 10 bar.

Figure 4. Profiles of the jaws useable with the DeltAll system



For further information on the DeltAll MultiProfile Press Safety, see page 27.

Manifolds

Unidelta offers two types of CR brass manifolds: simple distribution manifolds and manifolds featuring control valves, with male-female (M.F.) attachments that enable extension of the same to assemble several manifolds in sequence.
These manifolds meet the requirements of all application classes at a maximum pressure of 10 bar.
The simple distribution manifolds and manifolds with control valves are all available in versions of ¾" and 1" diameters with two, three or four braches of ½" (standard) and ¾" (eurocono).

Legend

Symbols	Description
d_e	External diameter
e	Thickness
d_i	Internal diameter
d_{eg}	Outside diameter conduit
F	Format
DIM	Size
S-iso	Insulation thickness
PACK	Number of articles in box
R25	25 metre coils
R50	50 metre coils
R100	100 metre coils

Symbols	Description
R200	200 metre coils
R300	300 metre coils
R500	500 metre coils
B4	4 metre lengths
B5	5 metre lengths
Pallet A	Number of coils (n°) and total metre (m) on bench A
Pallet B	Number of coils (n°) and total metre (m) on bench B
Fascio	Number of length (n°) and total metre (m) per pack

Tube

Unidelta produit le tube multicouche PEX-AL-PEX DeltAll. Le tube se compose de 5 couches: une couche interne fabriquée en polyéthylène réticulé PEX, une couche de collage, une couche d'aluminium **StarK**, une autre couche de collage et une couche externe fabriquée une fois encore en polyéthylène réticulé.

Figure 1. DeltAll: l'estampillage

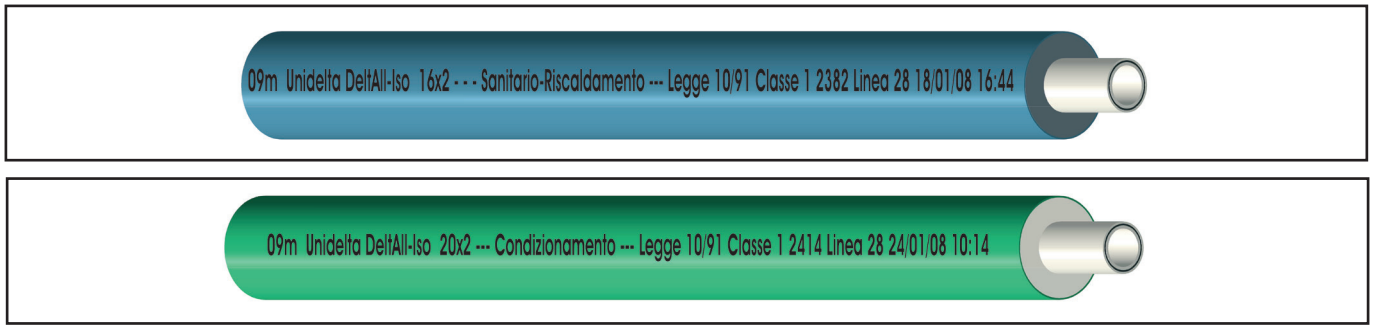
DeltAll allie les avantages du plastique et du métal et garantit: grande flexibilité qui permet un pliage du tube facile, sûr et stable; excellente résistance tant aux acides qu'aux bases; coefficient d'isolation acoustique élevé; atoxicité absolue qui le rend hygiéniquement et toxicologiquement apte au transport de fluides alimentaires et d'eau potable; débits élevés avec des pertes de charge très réduites; résistance au vieillissement, à l'abrasion, aux hautes températures et à la pression; imperméabilité à l'oxygène. Selon la classification proposée par la norme EN ISO 21003, les tuyaux DeltAll peuvent être utilisés pour toutes les classes d'applications.

Tableau 1. DeltAll: caractéristiques techniques

Caractéristiques Techniques DeltAll	
Température maximale	95°C
Pression maximale	10 bar
Conductivité thermique	0,43 W/m·K
Coefficient de dilatation thermique	0,026 mm/m·K
Rugosité interne	0,007 mm
Rayon minimum de courbure à main	5 x d_e
Rayon minimum de courbure avec outil	4 x d_e

DeltAll est aussi disponible dans la version calorifugée (DeltAll-Iso) conformément à la loi 10/91 et mises à jour successives. Le revêtement est réalisé en polyéthylène expansé auto-extinguible Classe 1 et présente une finition avec une pellicule externe extrudée qui donne au tuyau une ultérieure protection mécanique.
Le tuyau pré calorifugé DeltAll-Iso est de couleur bleu clair ou rouge pour emploi sanitaire et de chauffage et de couleur vert pour la climatisation et la réfrigération.

Figure 2. DeltAll-Iso: l'estampillage



Le tube UNIDELTA "DELTALL" est aussi produit en modèle gainé.
Le tube "DELTALL" est inséré dans une gaine (tube spiralé) d'un diamètre approprié.
En utilisant le tube "DELTALL" gainé de couleur bleue ou rouge, il est facile de repérer le type de circuit (eau froide ou eau chaude).
Les avantages du tube "DELTALL Pipe in Pipe" sont la rapidité d'installation du tuyau et le remplacement d'une section de tuyau endommagé sans gros travaux de maçonnerie.

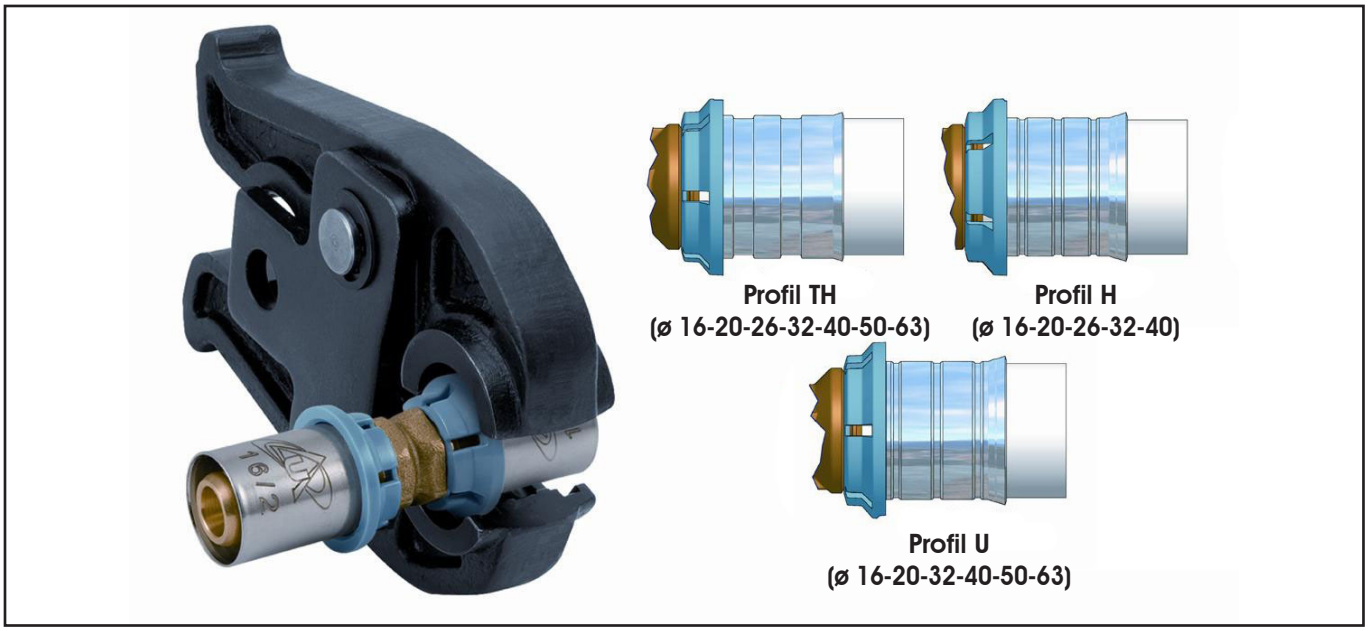
Figure 3. Certifications de qualité

CZECH REPUBLIC — FRANCE — GERMANY — RUSSIA — UKRAINE

Raccords

Unidelta produit les raccords à compression DeltAll MultiProfile (DeltAll MP) et DeltAll MultiProfile Press Safety.
Le nouveau raccord multiprofil a été conçu et réalisé pour être utilisé indifféremment avec les profils de sertissage les plus diffus. DeltAll MP est approprié au transport de l'eau potable. Le corps du raccord est réalisé en alliage de laiton et la présence de deux o-ring garantit une plus grande étanchéité à l'eau. L'usinage du profil en dent de scie de l'embout garantit une résistance absolue au déboîtage. Grâce à la fenêtre pratiquée dans la bague de plastique bleu, DeltAll MP permet de contrôler le positionnement correct du tube dans le raccord. Les raccords DeltAll MP sont appropriés à être utilisés dans toutes les classes d'application avec une pression maximum de 10 bars.

Figure 4. Profils des machoires qu'on peut utiliser avec le système DeltAll



Pour toute information supplémentaire sur les raccords DeltAll MultiProfile Press Safety, voir page 27.

Collecteurs

Unidelta offre en outre deux typologies de collecteurs en laiton CR: collecteurs de distribution simple et collecteurs avec vannes de régulation, avec attaches mâle-femelle (M.F.) qui en permettent l'allongement en assemblant plusieurs collecteurs en séquence. Ces collecteurs répondent pleinement aux attributs de toutes les classes d'application avec une pression maximum de 10 bars. Tant les collecteurs de distribution simple que les collecteurs avec vannes de régulation sont disponibles avec diamètres ¾" et 1" avec deux, trois, ou quatre dérivations de ½" standard et ¾" eurocône.

Légende

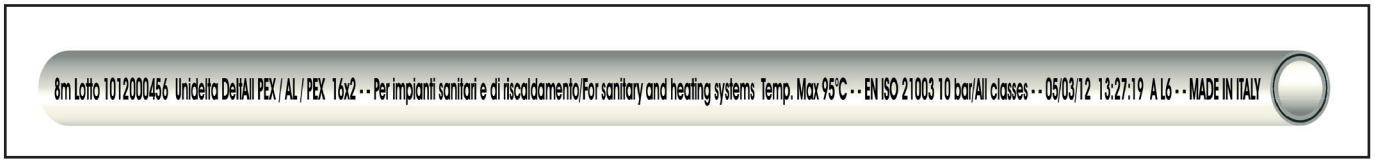
Symboles	Description
d_e	Diamètre externe
e	Epaisseur
d_i	Diamètre interne
d_{eg}	Diamètre extérieur gaine
F	Format
DIM	Dimension
S-iso	Epaisseur calorifugée
PACK	Nombre de pièces dans boîte
R25	Rouleaux de 25 mètres
R50	Rouleaux de 50 mètres
R100	Rouleaux de 100 mètres

Symboles	Description
R200	Rouleaux de 200 mètres
R300	Rouleaux de 300 mètres
R500	Rouleaux de 500 mètres
B4	Barres de 4 mètres
B5	Barres de 5 mètres
Pallet A	Nombre de rouleaux (n°) et mètres total (m) sur palette A
Pallet B	Nombre de rouleaux (n°) et mètres total (m) sur palette B
Fascio	Nombre de barres (n°) et mètres total (m) par emballage

Tubo

Unidelta produce el tubo multicapa PEX-AL-PEX DeltAll. El tubo está compuesto por 5 capas: una capa interna realizada en polietileno reticulado PEX, una de cola, una capa de aluminio **StarK**, otra de cola y otra capa externa de polietileno reticulado.

Figura 1. DeltAll: marcación



DeltAll une las ventajas del plástico a las del metal y garantiza: gran flexibilidad que permite un plegado fácil, seguro y estable del tubo; excelente resistencia a los ácidos y a las bases; un alto coeficiente de aislamiento acústico; absoluta atoxicidad que lo hace higiénica y toxicológicamente apto para el transporte de fluidos alimentarios y de agua potable; elevados caudales con limitadísimas pérdidas de carga; resistencia al envejecimiento, a la abrasión, a las altas temperaturas y a la presión; impermeabilidad al oxígeno.
Según la clasificación propuesta por la normativa EN ISO 21003, los tubos DeltAll pueden ser empleados para todas las clasese de aplicacion.

Tabla 1. DeltAll: características técnicas

Características Técnicas DeltAll	
Temperatura máxima	95°C
Presión máxima	10 bar
Conductividad térmica	0,43 W/m·K
Coeficiente de dilatación térmica	0,026 mm/m·K
Rugosidad interna	0,007 mm
Radio mínimo de curvatura manualo	5 x d_e
Radio mínimo de curvatura con equipose	4 x d_e

DeltAll está disponible también en la versión aislada (DeltAll-Iso) obedeciendo a lo previsto por la ley 10/91 y posteriores actualizaciones. El revestimiento está realizado en polietileno expansivo auto extinguible de Clase 1 y está acabado con una película externa extrudida que da al tubo una mayor protección mecánica. El tubo preaislado DeltAll Iso es de color azul y rojo para uso sanitario y de calefacción y de color verde para la climatización y la refrigeración.

Figura 2. DeltAll-Iso: marcación

El tubo Unidelta DELTALL también se fabrica en versión extensible.
El tubo se introduce en una funda (tubo corrugado) de diámetro adecuado.
Al utilizar el tubo DELTALL enfundado de color azul o rojo, es posible identificar con facilidad el tipo de circuito (agua caliente - agua fría).
Gracias a esta solución, se pueden sustituir rápidamente y sin dificultad los tramos de tuberías estropeados evitando tener que realizar laboriosos trabajos en las paredes.

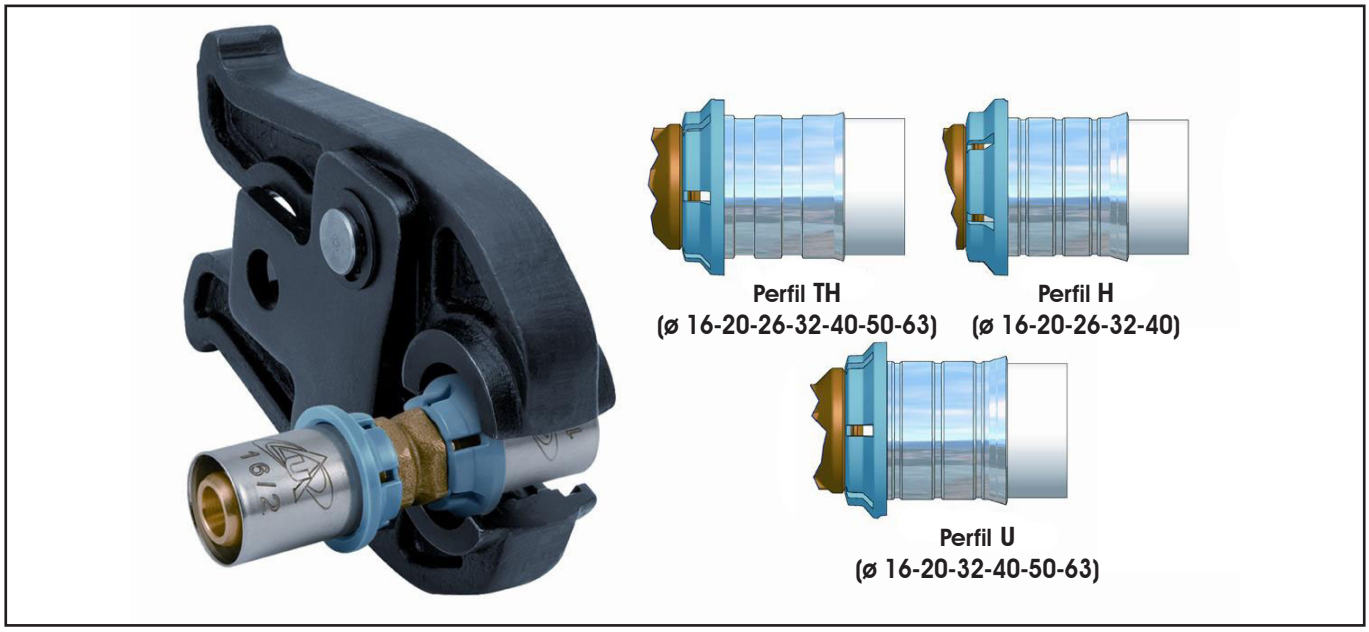
Figura 3. Certificados de calidad

CZECH REPUBLIC — FRANCE — GERMANY — RUSSIA — UKRAINE

Accesorios

Unidelta produce los racores a prensar DeltAll MultiProfile (DeltAll MP) y DeltAll MultiProfile Press Safety.
El innovador racor multiperfil fue ideado y diseñado para usarlo indistintamente con los perfiles de agarre más comunes. DeltAll MP es el dispositivo ideal para transportar agua potable. El cuerpo del racor está hecho con una aleación de latón y la presencia de dos juntas tóricas asegura una mayor seguridad de estanqueidad hidráulica. El perfil tipo diente de sierra garantiza gran resistencia a la desunión. Gracias a la ventana presente en el buje de plástico azul, DeltAll MP permite controlar la correcta posición del tubo en el racor.
Los racores DeltAll MP son adecuados para usar en toda clase de aplicación con una presión máxima de 10 bar.

Figura 4. Perfiles de las mordazas que pueden ser usadas con el sistema DeltAll



Para más información sobre los racores DeltAll MultiProfile Press Safety, consulte la pág. 27.

Colectores

Unidelta ofrece también dos tipologías de colectores en latón CR: colectores de distribución simple y colectores con válvulas de regulación, con sistemas de enganche macho-hembra (M.F.) que permiten la extensión del mismo ensamblando varios colectores en secuencia. Estos colectores cumplen con los requisitos de todas las clases de aplicación con una presión máxima de 10 bar. Tanto los colectores de distribución simple como los colectores con válvulas de regulación, están disponibles con diámetros ¾" y 1" con dos, tres o cuatro derivaciones de ½" estándar y ¾" Eurocono.

Leyenda

Simbol	Descripcion
d_e	Diámetro exterior
e	Espesor
d_i	Diámetro interior
d_{eg}	Diámetro exterior de la vaina
F	Formato
DIM	Dimensión
S-iso	Espesor aislamiento
PACK	Número de piezas en la caja
R25	Rollos de 25 metros
R50	Rollos de 50 metros
R100	Rollos de 100 metros

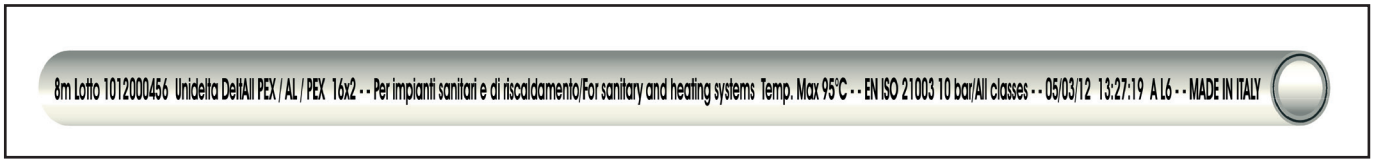
Simbol	Descripcion
R200	Rollos de 200 metros
R300	Rollos de 300 metros
R500	Rollos de 500 metros
B4	Barras de 4 metros
B5	Barras de 5 metros
Pallet A	Número de rollos (n°) y metros total (m) en la plataforma A
Pallet B	Número de rollos (n°) y metros total (m) en la plataforma B
Fascio	Número de barras (n°) y metros total (m) para confección

DeltAll: ALLGEMEINE INFORMATIONEN

Rohr

Unidelta stellt das Mehrschichtrohr PEX-AL-PEX DeltAll her. Das Rohr besteht aus 5 Schichten: einer Innenschicht aus einem PEX-Polyäthylengitter, einer Klebstoffschicht, einer Aluminiumschicht **StarK**, einer weiteren Klebstoffschicht und einer Außenschicht, die wieder ein Polyäthylengitter ist.

Abbildung 1. DeltAll: Kennzeichnung



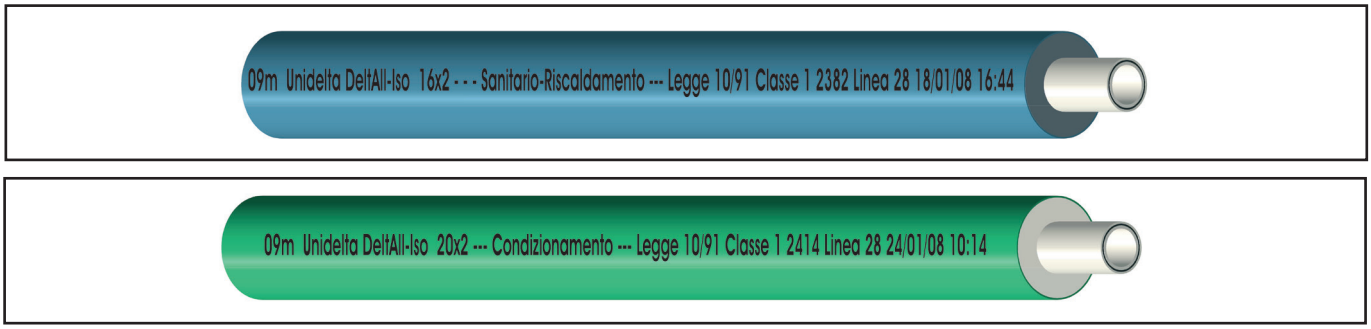
DeltAll vereint die Vorteile des Kunststoffs mit denen des Metalls und gewährleistet Folgendes: eine große Formbarkeit, wodurch ein leichtes, sicheres und stabil Biegen des Rohrs möglich ist; eine hervorragende Beständigkeit sowohl gegen Säuren, als auch gegen Basen; einen hohen Schalldämmungskoeffizienten; absolute Ungiftigkeit, die es hygienisch und toxikologisch für den Durchfluss von Lebensmittelflüssigkeiten und von Trinkwasser geeignet macht; hohe Durchflussleistung mit sehr geringem Lastverlust; Beständigkeit gegen Alterung, Abrieb, hohe Temperaturen und Druck; Sauerstoffundurchlässigkeit.
Auf der Grundlage der von der Norm EN ISO 21003 gegebenen Klassifikation, können das Rohre DeltAll für alle Klassen der Anwendungsgebiete benutzt werden.

Tabelle 1. DeltAll: technische daten

Technische Daten DeltAll	
Maximale Temperatur	95°C
Maximaler Druck	10 bar
Wärmeleitfähigkeit	0,43 W/m·K
Wärmedehnungskoeffizient	0,026 mm/m·K
Innere Rauheit	0,007 mm
Mindestradius für Biegen von Hand	5 x d_e
Mindestradius für Biegen mit Werkzeug	4 x d_e

DeltAll ist auch in einer isolierten Ausgabe erhältlich, (DeltAll-Iso), hierbei werden die Vorgaben des Gesetzes 10/91 und folgende Aktualisierungen befolgt. Die Verkleidung ist aus Selbstlöschendem Polyäthylenschaumstoff der Klasse 1 und ist mit einer gespritzten äußeren Schicht ausgestattet, die dem Rohr einen hohen mechanischen Schutz verleiht. Das isolierte Rohr DeltAll Iso für die Benutzung im Bereich der Sanitär- und Heizungsanlagen ist hellblau und rot, für die Benutzung im Bereich der Klimatisierungs- und Kühlanlagen ist grün.

Abbildung 2. DeltAll-Iso: Kennzeichnung



Das Rohr DELTALL von Unidelta wird auch in herausziehbarer Ausführung hergestellt.
Das Rohr ist in eine Hülse (Wellrohr) mit entsprechendem Durchmesser gesteckt.
Bei Verwendung des umhüllten Rohrs DELTALL in Blau oder Rot kann der jeweilige Kreislauf (Warmwasser - Kaltwasser) leicht erkannt werden.
Dank dieser Lösung können beschädigte Rohrleitungsabschnitte problemlos, ohne aufwändige Arbeiten im Mauerwerk ersetzt werden.

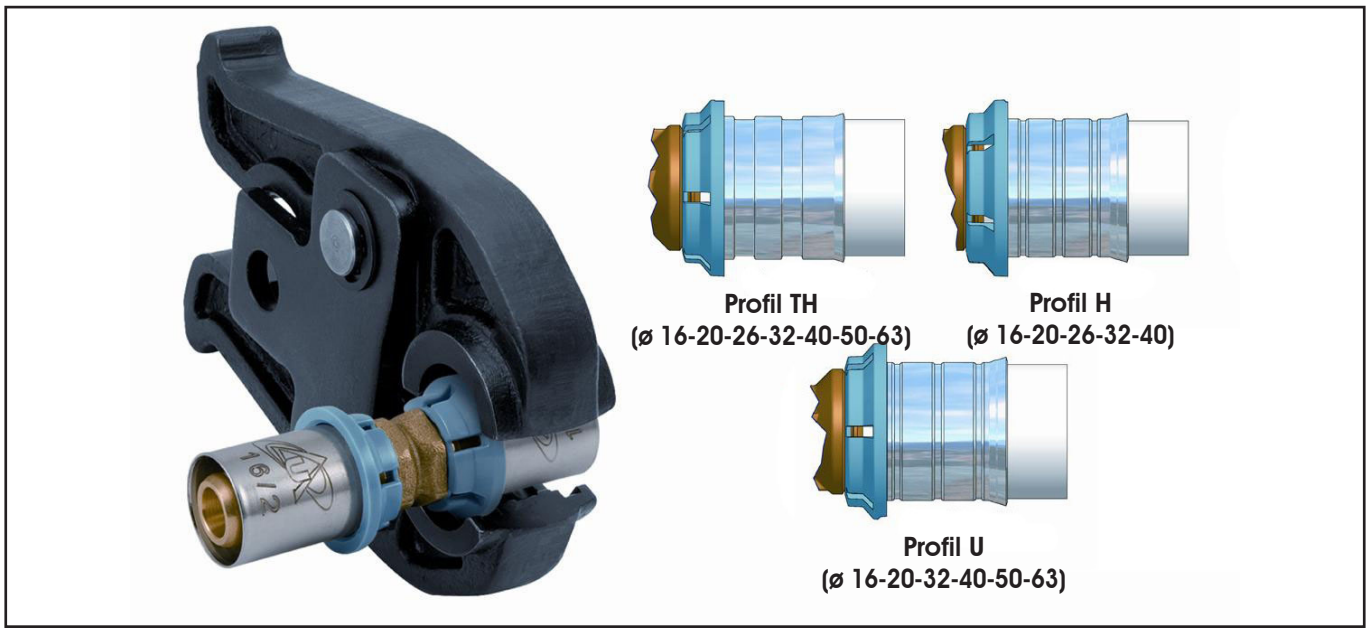
Abbildung 3. Qualitätszertifizierungen

CZECH REPUBLIC · FRANCE · GERMANY · RUSSIA · UKRAINE

Anschlüsse

Unidelta stellt die Druckanschlüsse DeltAll MultiProfile (DeltAll MP) und DeltAll MultiProfile Press Safety her.
Der innovative Multiprofilanschluss wurde entwickelt und hergestellt, damit er mit den geläufigsten Heftprofilen verwendet werden kann. DeltAll MP eignet sich für die Beförderung von Trinkwasser. Der Anschlusskörper besteht aus Messinglegierung, wobei zwei O-Ringe eine höhere Sicherheit bei der hydraulischen Abdichtung gewährleisten. Die Verarbeitung des Sägezahnförmigen Profils des Schlauchanschlussstücks garantiert einen Abnutzungsschutz desselbigen. Durch das Fenster in der blauen Kunststoffdose ermöglicht DeltAll MP die Kontrolle der korrekten Stellung des Rohrs im Anschlussstück.
Die Anschlüsse DeltAll MP sind für die Verwendung in allen Anwendungsklassen mit Maximaldruck von 10 bar geeignet.

Abbildung 4. DeltAll: backenprofile, kompatibel mit dem DeltaAll - System



Für weitere Infos über die Verbindungen DeltAll MultiProfile Press Safety siehe S. 27.

Kollektoren

Unidelta bietet außerdem zwei Typen von Kollektoren aus CR-Messing an: Einfache Verteilkollektoren und Kollektoren mit Regelventilen mit Steckanschlüssen (MF), mit denen eine Verlängerung möglich ist, indem man mehrere Kollektoren in Abfolge zusammen schließt. Diese Sammelkanäle entsprechen den Anforderungen aller Anwendungsklassen mit Maximaldruck von 10 bar. Sowohl die einfachen Verteilkollektoren, als auch die Kollektoren mit Regelventilen sind in den Durchmessern ¾" und 1" und mit zwei, drei, oder vier Abzweigungen zu ½" erhältlich Standard und ¾" Eurokonus.

Legende

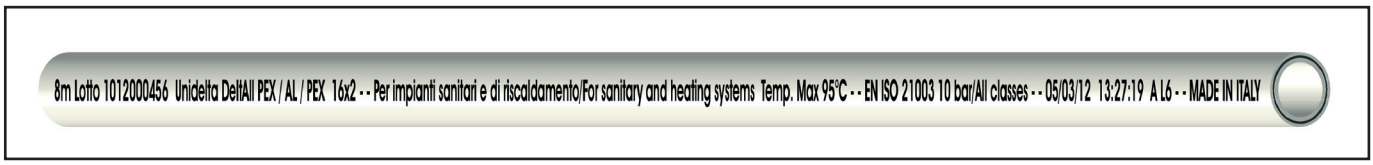
Symbole	Beschreibung
d_e	Außendurchmesser
e	Stärke
d_i	Innendurchmesser
d_{eg}	Außendurchmesser Rohrumhüllung
F	Format
DIM	Abmessung
S-iso	Isolierungs-Dicke
PACK	Anzahl Teile in der Schachtel
R25	Rollen zu 25 Metern
R50	Rollen zu 50 Metern
R100	Rollen zu 100 Metern

Symbole	Beschreibung
R200	Rollen zu 200 Metern
R300	Rollen zu 300 Metern
R500	Rollen zu 500 Metern
B4	Stangen zu 4 Metern
B5	Stangen zu 5 Metern
Pallet A	Anzahl Rollen (n°) und Metern (m) auf Palette A
Pallet B	Anzahl Rollen (n°) und Metern (m) auf Palette B
Fascio	Anzahl Stangen-Rohre (n°) und Metern (m) pro Packung

Труба

«Униделта» производит многослойные трубы PEX-AL-PEX DeltAll. Труба состоит из 5 слоёв: первый внутренний слой выполнен из сетчатого полиэтилена PEX, второй слой является соединяющим, третий слой выполнен из алюминия **StarK**, далее идёт ещё один соединяющий слой и внешний слой выполнен из сетчатого полиэтилена.

Рисунке 1. DeltAll: Маркировка



DeltAll соединяет преимущества пластика и металла и гарантирует: высокую пластичность, которая позволяет лёгкий, надёжный и стабильный изгиб труб; более высокое сопротивление, как кислоте, так и k щелочи; высокий коэффициент шумоизоляции; абсолютная нетоксичность делает эти трубы, как с гигиенической, так и с токсилогической стороны полностью применимыми для подачи пищевых жидкостей и питьевой воды; высокую пропускную способность с минимальной потерей нагрузки; устойчивость к старению, износу, высоким температурам и давлению; непроницаемость кислорода

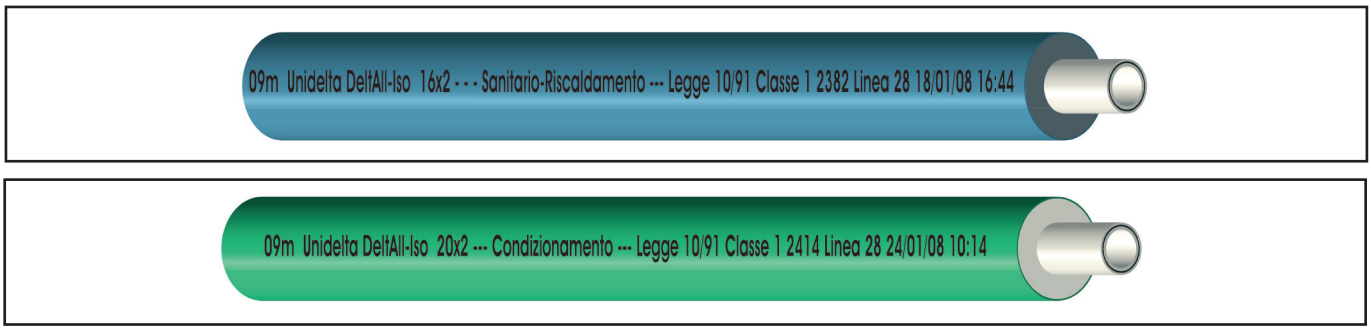
На основании классификации, согласно нормативным требованиям UNI 10954-1, труба DeltAll соответствует классу 1, который является лучшим классом. на основании классификации, согласно нормативным требованиям EN ISO 21003, труба Deltall могут быть использованы для всех классов применения.

Таблице 1. Технические Характеристики DeltAll

Технические Характеристики DeltAll	
Максимальная температура	95°C
Максимальное давление	10 бар
Термическая удельная проводимость	0,43 W/m·K
Коэффициент термического расширения	0,026 mm/m·K
Внутренняя шероховатость	0,007 mm
Минимальный радиус ручного изгиба	5 x d_e
Минимальный радиус изгиба при помощи инструмента	4 x d_e

В наличие также имеется изолированная версия - DeltAll-Iso, которая соответствует предписаниям закона 10/91 и последующим обновлениям. Оболочка трубы выполнено из самогасящегося пенополиуретанА 1 Класса, и покрыта внешней прессованной плёнкой, что придаёт трубе вспомогательную механическую защиту. Труба с предварительной изоляцией DeltAll-Iso для сантехнических целей и для отопления, голубого или красного цвета, а для кондиционирования или охлаждения, зелёного цвета.

Рисунке 2. DeltAll-Iso: Маркировка



Труба Unidelta DELTALL производится также в съемном варианте.
Используя трубы синего и красного цветов легко можно определить назначение трубопровода (горячая вода – холодная вода).
Труба вставляется в гофрированную оболочку соответствующего диаметра.
Благодаря этой системе возможна быстрая и легкая замена поврежденных участков трубопровода, не прибегая к необходимости проводить трудоёмкие строительные работы.

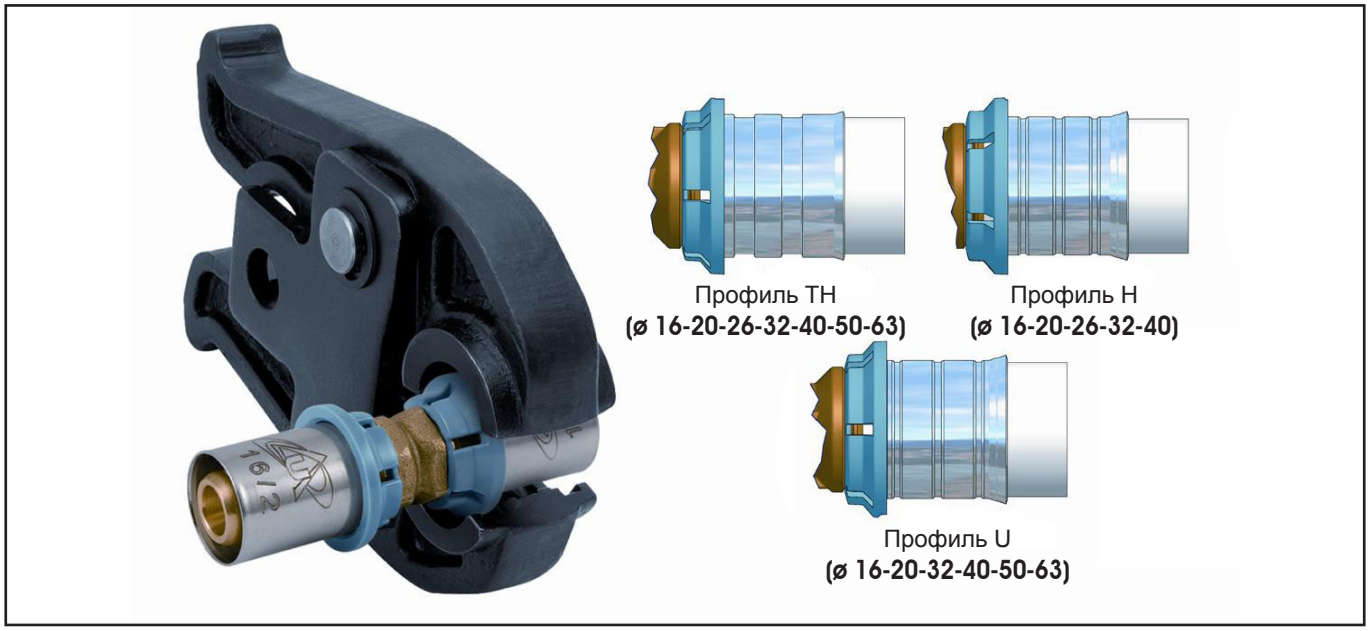
Рисунке 3. Сертификаты качества

CZECH REPUBLIC · FRANCE · GERMANY · RUSSIA · UKRAINE

Переходники

«Унидельта» изготавливает прижимные переходники DeltAll MultiProfile (DeltAll MP) и DeltAll MultiProfile Press Safety. Инновационный мультипрофильный переходник был задуман и реализован для того, чтобы его использовать со всеми существующими профилями зажимов (Рисунке 4). Инновационный многопрофильный штуцер разработан и изготовлен для независимого использования с самыми распространенными зажимными профилями. DeltAll MP подходит для транспортировки питьевой воды. Корпус штуцера изготовлен из латунного сплава, а наличие двух кольцевых прокладок гарантирует большую водонепроницаемость. Зубчатая обработка поверхности штуцера обеспечивает абсолютное сопротивление соскальзыванию. Благодаря смотровому отверстию, находящемуся на втулке из голубого пластика, DeltAll MP позволяет контролировать правильное позиционирование трубы в фитинге. Штуцеры DeltAll MP подходят для использования во всех классах применения при максимальном давлении 10 бар.

Рисунке 4. Профили губок, используемых с ситемой DeltAll



Для ознакомления с дополнительной информацией о фитингах DeltAll MultiProfile Press Safety, смотрите стр. 27.

Коллекторы

«Унидельта» предлагает 2 типа латуневых коллекторов CR: коллекторы простого распределения и коллекторы с регулирующими клапанами, с штырево-гнездовым коннектором (M.F.) что позволяет удлинению, благодаря последовательной сборке нескольких коллекторов. Эти коллекторы удовлетворяют требованиям всех классов применения при максимальном давлении 10 бар.
Как коллекторы с простым распределением, так и коллекторы с распределительными клапанами, имеются в наличие с диаметром ¾" и 1" с двумя, тремя или четырьмя ответвлениями диаметром ½" стандарт и ¾" евроконус.

Условные бозначения

Условные обозначения	Описания
d_e	внешний диаметр
e	толщина
d_i	внутренний диаметр
d_e	Внешний диаметр кожуха
F	Формат
DIM	размеры
S-iso	толщина изоляции
PACK	количество штук в упаковке
R25	рулоны по 25 метров
R50	рулоны по 50 метров
R100	рулоны по 100 метров

Условные обозначения	Описания
R200	рулоны по 200 метров
R300	рулоны по 300 метров
R500	рулоны по 500 метров
B4	отрезков по 4 метров
B5	отрезков по 5 метров
Pallet A	количество рулонов (n°) и метров (m) на станине A
Pallet B	количество рулонов (n°) и метров (m) на станине B
Fascio	количество отрезков в упаковке

DeltAll...
Tubo multistrato PEX AL PEX - Multilayer pipe PEX AL PEX
Tube multicouche PEX AL PEX - Tubo multicapa PEX AL PEX
Mehrschichtrohr PEX AL PEX - Многослойная труба PEX AL PEX

COD. 2400

TUBO PER USO SANITARIO E RISCALDAMENTO FORNITO IN ROTOLI
PIPE FOR DOMESTIC WATER AND HEATING USE SUPPLIED IN ROLLS
TUBE POUR USAGE SANITAIRE ET CHAUFFAGE FOURNI EN ROULEAUX
TUBO PARA USO SANITARIO Y CALEFACCIÓN SUMINISTRADO EN ROLLOS
ROHR FÜR SANITÄREN- UND HEIZUNGSGEBRAUCH IN ROLLEN GELIEFERT
ТРУБА ДЛЯ САНТЕХНИЧЕСКИХ ЦЕЛЕЙ И ОТОПЛЕНИЯ, ПОСТАВЛЯЕТСЯ В РУЛОНАХ

COD	d_e (mm)	e (mm)	d_i (mm)	F	Pallet A			Pallet B			€/m
					n°	(m)	L x L x h• (cm)	n°	(m)	L x L x h• (cm)	
2400001420100	**14**	**2,0**	10	R100	19	1900	75x75x220	11	1100	75x75x120	**1,01**
2400001620100				R100	19	1900	75x75x220	11	1100	75x75x130	
2400001620200	**16**	**2,0**	12	R200	11	2200	75x75x210	6	1200	75x75x120	**1,07**
2400001620500				R500	5	2500	120x100x170	2	1000	120x100x80	
2400001820100	**18**	**2,0**	14	R100	14	1400	75x75x220	-	-	-	**1,29**
2040001820200				R200	10	2000	120x100x200	5	1000	120x100x105	
2400002020100	**20**	**2,0**	16	R100	12	1200	75x75x230	8	800	75x75x135	**1,47**
2400002630050	**26**	**3,0**	20	R50	14	700	75x75x220	8	400	75x75x130	**2,86**
2400003230050	**32**	**3,0**	26	R50	11	550	120x100x210	6	300	120x100x125	**4,07**

• L'altezza del bancale è solo indicativa.
• Pallet height is strictly indicative
• La hauteur de la plate-forme est seulement indicative
• La altura de la plataforma es solo indicativa.
• Die Höhe der Transportpalette dient lediglich als Beispiel.
• Для станины указана ориентировочная высота

...DeltAll
Tubo multistrato PEX AL PEX - Multilayer pipe PEX AL PEX
Tube multicouche PEX AL PEX - Tubo multicapa PEX AL PEX
Mehrschichtrohr PEX AL PEX - Многослойная труба PEX AL PEX

COD. 2400

TUBO PER USO SANITARIO E RISCALDAMENTO FORNITO IN BARRE
PIPE FOR DOMESTIC WATER AND HEATING USE SUPPLIED IN LENGTHS
TUBE POUR USAGE SANITAIRE ET CHAUFFAGE FOURNI EN BARRES
TUBO PARA USO SANITARIO Y CALEFACCIÓN SUMINISTRADO EN BARRAS
ROHRE FÜR SANITÄREN- UND HEIZUNGSGEBRAUCH IN STANGEN GELIEFERT
ТРУБА ДЛЯ САНТЕХНИЧЕСКИХ ЦЕЛЕЙ И ОТОПЛЕНИЯ, ПРЕДОСТАВЛЯЕТСЯ В ОТРЕЗКАХ

COD	d_e (mm)	e (mm)	d_i (mm)	F	Fascio			€/m
					n°	(m)	Ø x L (cm)	
2400001620005	**16**	**2,0**	12	B5	25	125	11x500	**1,29**
2400002020005	**20**	**2,0**	16	B5	15	75	11x500	**1,76**
2400002630005	**26**	**3,0**	20	B5	9	45	11x500	**3,43**
2400003230005	**32**	**3,0**	26	B5	6	30	11x500	**4,89**
2400004035004	**40**	**3,5**	33	B4	9	36	16x400	**10,63**
2400005040004	**50**	**4,0**	42	B4	7	28	16x400	**15,96**
2400006345004	**63**	**4,5**	54	B4	4	16	16x400	**23,42**

DeltAll Iso...
Tubo multistrato preisolato - Pre-insulated multilayer pipe
Tube multicouche pré-isolé - Tubo multicapa preaislado
Vorisoliertes Mehrschichtrohr - предварительно изолированная многослойная труба

COD. 2550

TUBO PREISOLATO PER USO SANITARIO E RISCALDAMENTO FORNITO IN ROTOLI - COLORE AZZURRO
Legge 10/91

PRE-INSULATED PIPE FOR DOMESTIC WATER AND HEATING USE SUPPLIED IN ROLLS - LIGHT BLUE COLOUR
TUBE PRE-CALORIFUGE POUR USAGE SANITAIRE ET CHAUFFAGE FOURNI EN ROULEAUX - COULEUR BLEU CLAIR
TUBO PREAISLADO PARA USO SANITARIO Y CALEFACCIÓN SUMINISTRADO EN ROLLOS - COLOR AZUL
VORISOLIERTES ROHR FÜR SANITÄREN- UND HEIZUNGSGEBRAUCH IN ROLLEN GELIEFERT - HELLBLAU
ПРЕДВАРИТЕЛЬНО ИЗОЛИРОВАННАЯ ТРУБА ДЛЯ САНТЕХНИЧЕСКИХ ЦЕЛЕЙ И ОТОПЛЕНИЯ, ПРЕДОСТАВЛЯЕТСЯ В РУЛОНАХ - СИНИЙ ЦВЕТ

COD	d_e (mm)	e (mm)	d_i (mm)	S-iso (mm)	F	Pallet A			€/m
						n°	(m)	L x L x h• (cm)	
2550001420050	**14**	**2,0**	10	6	R50	14	700	75x75x230	**1,46**
2550001620050	**16**	**2,0**	12	6	R50	14	700	75x75x230	**1,54**
2550001620100					R100	11	1100	80x80x220	
2550001820050	**18**	**2,0**	14	6	R50	13	650	80x80x230	**1,89**
*2550022020050	**20**	**2,0**	16	*6	R50	14	700	80x80x230	**2,14**
2550002020050	**20**	**2,0**	16	10	R50	10	500	85x85x230	**2,21**
2550002630025	**26**	**3,0**	20	10	R25	12	300	75x75x250	**4,10**
2550002630050					R50	9	450	90x90x220	
2550003230025	**32**	**3,0**	26	10	R25	10	250	95x95x230	**6,14**

* Spessore isolamento NON conforme alla Legge 10/91
* Isolation thickness not complying to the Italian law 10/91
* Épaisseur d'isolation NON conforme à la Loi italienne 10/91
* Espesor aislamiento NO conforme a la ley italiana 10/91
* Die Dicke der Isolierung entspricht NICHT das italienische Gesetz 10/91
* Толщина изоляции не соответствует итальянскому закону: Legge 10/91

• L'altezza del bancale è solo indicativa.
• Pallet height is strictly indicative
• La hauteur de la plate-forme est seulement indicative
• La altura de la plataforma es solo indicativa.
• Die Höhe der Transportpalette dient lediglich als Beispiel.
• Для станины указана ориентировочная высота

...DeltAll Iso...
Tubo multistrato preisolato - Pre-insulated multilayer pipe
Tube multicouche pré-isolé - Tubo multicapa preaislado
Vorisoliertes Mehrschichtrohr - предварительно изолированная многослойная труба

COD. 2560

TUBO PREISOLATO PER USO SANITARIO E RISCALDAMENTO FORNITO IN ROTOLI - COLORE ROSSO
Legge 10/91

PRE-INSULATED PIPE FOR DOMESTIC WATER AND HEATING USE SUPPLIED IN RED COLOR ROLLS - RED COLOUR
TUBE PRE-CALORIFUGE POUR USAGE SANITAIRE ET CHAUFFAGE FOURNI EN ROULEAUX - COULEUR ROUGE
TUBO PREAISLADO PARA USO SANITARIO Y CALEFACCIÓN SUMINISTRADO EN ROLLOS - COLOR ROJO
VORISOLIERTES ROHR FÜR SANITÄREN- UND HEIZUNGSGEBRAUCH IN ROLLEN GELIEFERT - ROT
ПРЕДВАРИТЕЛЬНО ИЗОЛИРОВАННАЯ ТРУБА ДЛЯ САНТЕХНИЧЕСКИХ ЦЕЛЕЙ И ОТОПЛЕНИЯ, ПРЕДОСТАВЛЯЕТСЯ В РУЛОНАХ - КРАСНЫЙ ЦВЕТ

COD	d_e (mm)	e (mm)	d_i (mm)	S-iso (mm)	F	Pallet A			€/m
						n°	(m)	L x L x h• (cm)	
2560001420050	**14**	**2,0**	10	6	R50	14	700	75x75x230	**1,46**
2560001620050	**16**	**2,0**	12	6	R50	14	700	75x75x230	**1,54**
2560001620100					R100	11	1100	80x80x220	
2560001820050	**18**	**2,0**	14	6	R50	13	650	80x80x230	**1,89**
new 2560042020050	**20**	**2,0**	16	*6	R50	14	700	80x80x230	**2,14**
2560002020050	**20**	**2,0**	16	10	R50	10	500	85x85x230	**2,21**
2560002630025	**26**	**3,0**	20	10	R25	12	300	75x75x250	**4,10**
2560002630050					R50	9	450	90x90x220	
2560003230025	**32**	**3,0**	26	10	R25	10	250	95x95x230	**6,14**

* Spessore isolamento NON conforme alla Legge 10/91
* Isolation thickness not complying to the Italian law 10/91
* Épaisseur d'isolation NON conforme à la Loi italienne 10/91
* Espesor aislamiento NO conforme a la ley italiana 10/91
* Die Dicke der Isolierung entspricht NICHT das italienische Gesetz 10/91
* Толщина изоляции не соответствует итальянскому закону: Legge 10/91

• L'altezza del bancale è solo indicativa.
• Pallet height is strictly indicative
• La hauteur de la plate-forme est seulement indicative
• La altura de la plataforma es solo indicativa.
• Die Höhe der Transportpalette dient lediglich als Beispiel.
• Для станины указана ориентировочная высота

...DeltAll Iso
Tubo multistrato preisolato - Pre-insulated multilayer pipe
Tube multicouche pré-isolé - Tubo multicapa preaislado
Vorisoliertes Mehrschichtrohr - предварительно изолированная многослойная труба

COD. 2580

TUBO PREISOLATO PER CONDIZIONAMENTO FORNITO IN ROTOLI - COLORE VERDE
Legge 10/91

PRE-INSULATED PIPE FOR AIR-CONDITIONING SUPPLIED IN ROLLS - GREEN COLOUR
TUBE PRE-CALORIFUGE POUR CLIMATISATION FOURNI EN ROULEAUX - COULEUR VERT
TUBO PREAISLADO PARA CLIMATIZACIÓN SUMINISTRADO EN ROLLOS - COLOR VERDE
VORISOLIERTES ROHR FÜR KLIMATISIERUNG IN ROLLEN GELIEFERT - GRÜN
ПРЕДВАРИТЕЛЬНО ИЗОЛИРОВАННАЯ ТРУБА ДЛЯ КОНДИЦИОНИРОВАНИЯ, ПРЕДОСТАВЛЯЕТСЯ В РУЛОНАХ - ЗЕЛЁНЫЙ ЦВЕТ

COD	d_e (mm)	e (mm)	d_i (mm)	S-iso (mm)	F	Pallet A			€/m
						n°	(m)	L x L x h• (cm)	
2580011620050	**16**	**2,0**	12	10	R50	10	500	80x80x220	**1,74**
2580011820050	**18**	**2,0**	14	13	R50	9	450	85x85x230	**2,50**
2580012020050	**20**	**2,0**	16	13	R50	8	400	90x90x230	**2,63**
2580012630025	**26**	**3,0**	20	13	R25	10	250	90x90x220	**4,52**
2580013230025	**32**	**3,0**	26	13	R25	10	250	90x90x220	**6,93**

• L'altezza del bancale è solo indicativa.
• Pallet height is strictly indicative
• La hauteur de la plate-forme est seulement indicative
• La altura de la plataforma es solo indicativa.
• Die Höhe der Transportpalette dient lediglich als Beispiel.
• Для станины указана ориентировочная высота

DeltAll Pipe in Pipe...
Tubo multistrato inguainato - Sheathed multi-layer pipe
Tube multicouche pré-gainé - Tubo multicapa enfundado
Umhülltes Mehrschichtrohr - Многослойная труба с кожухом

COD. 256003

TUBO INGUAINATO PER RISCALDAMENTO E DISTRIBUZIONE SANITARIA FORNITO IN ROTOLI
COLORE ROSSO

SHEATHED PIPE FOR DOMESTIC HEATING AND DISTRIBUTION SUPPLIED IN ROLLS - RED COLOUR
TUBE DELTALL PIPE IN PIPE PRÉGAINÉ POUR CHAUFFAGE ET DISTRIBUTION SANITAIRE - COULEUR ROUGE
TUBO ENFUNDADO PARA CALEFACCIÓN Y DISTRIBUCIÓN SANITARIA SUMINISTRADO EN ROLLOS -COLOR ROJO
UMHÜLLTES ROHR FÜR HEIZUNGS- UND SANITÄRE ANLAGEN, IN ROLLEN GELIEFERT - ROT
ПОКРЫТАЯ КОЖУХОМ ТРУБА ДЛЯ ОТОПЛЕНИЯ И ВОДОСНАБЖЕНИЯ, ПОСТАВЛЯЕТСЯ В РУЛОНАХ - КРАСНЫЙ ЦВЕТ

COD	d_{eg} (mm)	d_e (mm)	e (mm)	d_i (mm)	F	Pallet A			€/m
						n°	(m)	L x L x h• (cm)	
2560031620050 2560031620100*	25	**16**	**2,0**	12	R50 R100	14 10	700 1000	75x75x220 75x75x220	**1,91**
2560031820050*	32	**18**	**2,0**	14	R50	-	-	-	**2,39**
2560032020050	32	**20**	**2,0**	16	R50	10	500	75x75x220	**2,47**
2560032630050*	40	**26**	**3,0**	20	R50	-	-	-	**4,80**

*PRODUZIONE SOLO PER LOTTI MINIMI DA CONCORDARE CON L'UFFICIO COMMERCIALE
*PRODUCTION ONLY FOR MINIMUM BATCHES TO BE AGREED ON WITH THE SALES DEPARTMENT
*PRODUCTION SEULEMENT POUR LES LOTS MINIMAUX D'ACCORD AVEC LE BUREAU DES VENTES
*PRODUCCIÓN SOLO PARA LOTES MÍNIMOS QUE DEBE ACORDARSE CON EL DEPARTAMENTO COMERCIAL
*HERSTELLUNG NUR FÜR GERINGE LOSGRÖSSEN IN ABSPRACHE MIT DER VERKAUFSABTEILUNG
*ПРОИЗВОДСТВО ТОЛЬКО МИНИМАЛЬНЫХ ПАРТИЙ ПО СОГЛАСОВАНИЮ С ТОРГОВЫМ ОТДЕЛОМ

- L'altezza del bancale è solo indicativa.
- Pallet height is strictly indicative
- La hauteur de la plate-forme est seulement indicative
- La altura de la plataforma es solo indicativa.
- Die Höhe der Transportpalette dient lediglich als Beispiel.
- Для станины указана ориентировочная высота

...DeltAll Pipe in Pipe
Tubo multistrato inguainato - Sheathed multi-layer pipe
Tube multicouche pré-gainé - Tubo multicapa enfundado
Umhülltes Mehrschichtrohr - Многослойная труба с кожухом

COD. 255003

TUBO INGUAINATO PER RISCALDAMENTO E DISTRIBUZIONE SANITARIA FORNITO IN ROTOLI
COLORE BLU

SHEATHED PIPE FOR DOMESTIC HEATING AND DISTRIBUTION SUPPLIED IN ROLLS - BLUE COLOUR
TUBE DELTALL PIPE IN PIPE PRÉGAINÉ POUR CHAUFFAGE ET DISTRIBUTION SANITAIRE - COULEUR BLEU
TUBO ENFUNDADO PARA CALEFACCIÓN Y DISTRIBUCIÓN SANITARIA SUMINISTRADO EN ROLLOS - COLOR AZUL
UMHÜLLTES ROHR FÜR HEIZUNGS- UND SANITÄRE ANLAGEN, IN ROLLEN GELIEFERT - BLAU
ПОКРЫТАЯ КОЖУХОМ ТРУБА ДЛЯ ОТОПЛЕНИЯ И ВОДОСНАБЖЕНИЯ, ПОСТАВЛЯЕТСЯ В РУЛОНАХ - СИНИЙ ЦВЕТ

COD	d_{eg} (mm)	d_e (mm)	e (mm)	d_i (mm)	F	Pallet A			€/m
						n°	(m)	L x L x h • (cm)	
2550031620050 2550031620100*	25	**16**	**2,0**	12	R50 R100	14 10	700 1000	75x75x220 75x75x220	**1,91**
2550031820050*	32	**18**	**2,0**	14	R50	-	-	-	**2,39**
2550032020050	32	**20**	**2,0**	16	R50	10	500	75x75x220	**2,47**
2550032630050*	40	**26**	**3,0**	20	R50	-	-	-	**4,80**

*PRODUZIONE SOLO PER LOTTI MINIMI DA CONCORDARE CON L'UFFICIO COMMERCIALE
*PRODUCTION ONLY FOR MINIMUM BATCHES TO BE AGREED ON WITH THE SALES DEPARTMENT
*PRODUCTION SEULEMENT POUR LES LOTS MINIMAUX D'ACCORD AVEC LE BUREAU DES VENTES
*PRODUCCIÓN SOLO PARA LOTES MÍNIMOS QUE DEBE ACORDARSE CON EL DEPARTAMENTO COMERCIAL
*HERSTELLUNG NUR FÜR GERINGE LOSGRÖSSEN IN ABSPRACHE MIT DER VERKAUFSABTEILUNG
*ПРОИЗВОДСТВО ТОЛЬКО МИНИМАЛЬНЫХ ПАРТИЙ ПО СОГЛАСОВАНИЮ С ТОРГОВЫМ ОТДЕЛОМ

• L'altezza del bancale è solo indicativa.
• Pallet height is strictly indicative
• La hauteur de la plate-forme est seulement indicative
• La altura de la plataforma es solo indicativa.
• Die Höhe der Transportpalette dient lediglich als Beispiel.
• Для станины указана ориентировочная высота

DeltAll MultiProfile
Raccordi in ottone a pressare - Brass press fittings
Raccords en laiton à sertir - Accesorios de latón a prensar
Druckanschlüsse aus Messing - Прижимные латуневые переходники

COD. 4001

MANICOTTO
COUPLING
MANCHON
MANGUITO
KUPPLUNG
МУФТА

COD	DIM	PACK	€/pz
4001160000001	16x16	40	**3,84**
4001200000001	20x20	40	**5,42**
4001260000001	26x26	20	**6,79**
4001320000001	32x32	15	**10,12**
4001400000001	40x40	40	**23,57**
4001500000001	50x50	25	**38,14**
4001630000001	63x63	15	**72,96**

COD. 4002

MANICOTTO DI RIDUZIONE
REDUCING COUPLING
MANCHON REDUIT
MANGUITO REDUCIDO
KUPPLUNG REDUZIERT
МУФТА РЕДУКЦИОННАЯ

COD	DIM	PACK	€/pz
4002201600001	20x16	40	**4,63**
4002261600001	26x16	30	**5,87**
4002262000001	26x20	30	**6,14**
4002322000001	32x20	20	**8,23**
4002322600001	32x26	15	**9,02**
4002402600001	40x26	40	**21,15**
4002403200001	40x32	40	**20,56**
4002503200001	50x32	30	**31,26**
4002504000001	50x40	25	**37,46**
4002634000001	63x40	15	**71,76**
4002635000001	63x50	15	**71,76**

COD. 4003

RACCORDO MASCHIO
MALE ADAPTOR
RACCORD MÂLE
ENLACE ROSCA MACHO
ANSCHLUSSVERSCHRAUBUNG
MIT AUSSENGEWINDE
МУФТА С НАРУЖНОЙ РЕЗЬБОЙ

COD	DIM	PACK	€/pz
4003160001001	16x$^{3}/_{8}$"	50	**3,56**
4003160002001	16x$^{1}/_{2}$"	40	**3,06**
4003200002001	20x$^{1}/_{2}$"	40	**3,58**
4003200003001	20x$^{3}/_{4}$"	30	**4,44**
4003260003001	26x$^{3}/_{4}$"	30	**5,56**
4003260004001	26x1"	20	**7,51**
4003320004001	32x1"	20	**8,20**
4003400005001	40x1$^{1}/_{4}$"	40	**22,45**
4003500006001	50x1$^{1}/_{2}$"	25	**34,49**
4003630007001	63x2"	16	**66,36**

COD. 4004

RACCORDO FEMMINA
FEMALE ADAPTOR
RACCORD FEMELLE
ENLACE ROSCA HEMBRA
ANSCHLUSSVERSCHRAUBUNG MIT INNENGEWINDE
МУФТА С ВНУТРЕННЕЙ РЕЗЬБОЙ

COD	DIM	PACK	€/pz
4004160002001	16x1/2"	40	**3,19**
4004200002001	20x1/2"	40	**3,64**
4004200003001	20x3/4"	30	**5,15**
4004260003001	26x3/4"	20	**5,59**
4004260004001	26x1"	15	**6,83**
4004320004001	32x1"	15	**8,30**
4004400005001	40x1 1/4"	10	**22,68**
4004500006001	50x1 1/2"	8	**36,48**

COD. 4005

TI A 90°
90° TEE
TÉ Á 90°
TE, TRES BOCAS UNION TUBO
T-STÜCK 90°
ТРОЙНИК 90°

COD	DIM	PACK	€/pz
4005160000001	16x16x16	20	**6,22**
4005200000001	20x20x20	16	**8,14**
4005260000001	26x26x26	10	**13,10**
4005320000001	32x32x32	8	**20,88**
4005400000001	40x40x40	12	**41,90**
4005500000001	50x50x50	7	**73,69**
4005630000001	63x63x63	4	**125,40**

COD. 4006

GOMITO A 90°
90° ELBOW
COUDE Á 90°
CODO 90°
WINKEL 90°
КОЛЕНО 90°

COD	DIM	PACK	€/pz
4006160000001	16x16	30	**4,32**
4006200000001	20x20	30	**5,94**
4006260000001	26x26	15	**9,06**
4006320000001	32x32	10	**13,72**
4006400000001	40x40	20	**27,49**
4006500000001	50x50	10	**49,56**
4006630000001	63x63	7	**75,54**

COD. 4007

TI A 90°
CON DERIVAZIONE FEMMINA
90° TEE WITH THREADED FEMALE TAKE OFF
TÉ Á 90° AVEC DERIVATION TARAUDÉE
TE, BOCA CENTRAL ROSCA HEMBRA
T-STÜCK 90° MIT INNENGEWINDE AM MITTELSTUTZEN
КОЛЕНО 90° С ВНУТРЕННЕЙ РЕЗЬБОЙ

COD	DIM	PACK	€/pz
4007160002001	16x16x1/2"	20	**6,07**
4007200002001	20x20x1/2"	16	**8,10**
4007200003001	20x20x3/4"	16	**8,86**
4007260003001	26x26x3/4"	10	**13,34**
4007320004001	32x32x1"	8	**21,26**
4007400005001	40x40x1 1/4"	4	**40,45**
4007500006001	50x50x1 1/2"	4	**72,78**
4007630005001	63x63x1 1/4"	4	**98,94**

COD. 4008

GOMITO A 90°
CON DERIVAZIONE MASCHIO
90° ELBOW WITH THREADED MALE TAKE OFF
COUDE Á 90° AVEC DERIVATION FILETÉE
ENLACE ROSCA MACHO A 90°
WINKEL 90° MIT AUSSENGEWINDE
КОЛЕНО 90° С НАРУЖНОЙ РЕЗЬБОЙ

COD	DIM	PACK	€/pz
4008160002001	16x1/2"	40	**3,84**
4008200002001	20x1/2"	30	**4,87**
4008200003001	20x3/4"	20	**5,66**
4008260003001	26x3/4"	20	**7,74**
4008320004001	32x1"	10	**13,97**
4008400005001	40x1 1/4"	30	**26,56**
4008500006001	50x1 1/2"	15	**47,81**
4008630007001	63x2"	10	**72,24**

COD. 4009

GOMITO A 90°
CON DERIVAZIONE FEMMINA
90° ELBOW WITH THREADED FEMALE TAKE OFF
COUDE Á 90° AVEC DERIVATION TARAUDÉE
ENLACE ROSCA HEMBRA A 90°
WINKEL 90° MIT INNENGEWINDE
КОЛЕНО 90° С ВНУТРЕННЕЙ РЕЗЬБОЙ

COD	DIM	PACK	€/pz
4009160002001	16x1/2"	30	**3,95**
4009200002001	20x1/2"	30	**4,70**
4009200003001	20x3/4"	25	**6,19**
4009260003001	26x3/4"	20	**8,52**
4009320004001	32x1"	10	**13,37**
4009400005001	40x1 1/4"	12	**28,78**
4009500006001	50x1 1/2"	8	**51,85**

COD. 4010

COD	DIM	PACK	€/pz
4010160002001	16x16x1/2"	20	**7,66**
4010200002001	20x20x1/2"	16	**8,03**
4010200003001	20x20x3/4"	16	**8,14**
4010260003001	26x26x3/4"	10	**10,94**

TI A 90° CON DERIVAZIONE MASCHIO
90° TEE WITH THREADED MALE TAKE OFF
TÉ Á 90° AVEC DERIVATION FILETÉE
TE, BOCA CENTRAL ROSCA MACHO
T-STÜCK 90° MIT AUSSENGEWINDE AM MITTELSTUTZEN
ТРОЙНИК 90° С НАРУЖНОЙ РЕЗЬБОЙ

COD. 4011

COD	DIM	PACK	€/pz
4011260000001	26x26	15	**12,60**
4011320000001	32x32	10	**14,52**
4011400000001	40x40	25	**50,68**

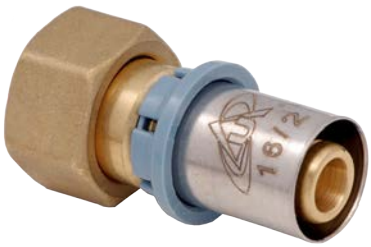
GOMITO A 45°
45° ELBOW - COUDE Á 45°
CODO 45° - WINKEL 45°
КОЛЕНО 45°

COD. 4013

TI A 90° RIDOTTO
90° REDUCING TEE
TÉ Á 90° REDUIT
TE 90° REDUCIDA
T-STÜCK 90° REDUZIERT
ТРІЙНИК 90° РЕДУКЦИОННЫЙ

COD	DIM	PACK	€/pz
4013201616001	20x16x16	16	**7,31**
4013201620001	20x16x20	16	**7,72**
4013202016001	20x20x16	16	**7,90**
4013261626001	26x16x26	10	**12,35**
4013261620001	26x16x20	10	**10,30**
4013262020001	26x20x20	10	**11,56**
4013262026001	26x20x26	10	**12,59**
4013262616001	26x26x16	10	**11,90**
4013262620001	26x26x20	10	**12,20**
4013322032001	32x20x32	8	**17,50**
4013322626001	32x26x26	8	**19,62**
4013322632001	32x26x32	8	**20,68**
4013402640001	40x26x40	12	**41,52**
4013403232001	40x32x32	16	**39,19**
4013403240001	40x32x40	12	**41,60**
4013502650001	50x26x50	7	**80,64**
4013503250001	50x32x50	7	**80,64**
4013504050001	50x40x50	7	**80,64**
4013633263001	63x32x63	4	**87,82**
4013634063001	63x40x63	4	**87,82**
4013635063001	63x50x63	4	**127,80**

COD. 4014



COD	DIM	PACK	€/pz
4014160001001	16x3/8"	40	**4,74**
4014160002001	16x1/2"	40	**3,64**
4014160003001	16x3/4"	30	**3,91**
4014200002001	20x1/2"	30	**3,95**
4014200003001	20x3/4"	30	**4,26**
4014260003001	26x3/4"	30	**7,07**
4014260004001	26x1"	25	**8,47**
4014320004001	32x1"	20	**8,71**
4014400006001	40X1 1/2"	40	**36,96**
4014630007001	63x2"	16	**82,68**

RACCORDO DIRITTO FEMMINA CON DADO GIREVOLE
DIRECT FEMALE FITTING WITH ROTATING NUT
RACCORD FEMELLE DROIT AVEC ÉCROU PIVOTANT
RACOR DERECHO HEMBRA CON TUERCA GIRATORIA
GERADER ANSCHLUSS MIT DREHBARER MUTTER
ПРЯМОЙ ПЕРЕХОДНИК С ВРАЩАЮЩЕЙСЯ ГАЙКОЙ

COD. 4015

COD	DIM	PACK	€/pz
4015161600001	16x16	3	**36,80**
4015202000001	20x20	3	**37,57**

RUBINETTO CON MANOPOLA
TAP WITH HANDLE
ROBINET AVEC BOUTON
GRIFO CON EMPUÑADURA
HAHN MIT KNAUF
КРАН С РУЧКОЙ

COD. 4016

COD	DIM	PACK	€/pz
4016161600001	16x16	3	**36,43**
4016202000001	20x20	3	**37,19**

RUBINETTO CON ROSONE
TAP WITH ROSETTE
ROBINET AVEC RONDELLE
GRIFO CON ROSETÓN
HAHN MIT ROSETTE
КРАН С КРУГЛОЙ РУЧКОЙ

COD. 4019

COD	DIM	PACK	€/pz
4019016026001	16 - 26	50	**16,68**

PROLUNGA PER RUBINETTO CON ROSONE 16-26 mm
EXTENSION FOR TAP WITH ROSETTE 16 - 26 mm
RALLONGE POUR ROBINET AVEC RONDELLE 16 - 26 mm
EXTENSIÓN PARA GRIFO CON ROSETÓN 16 - 26 mm
VERLÄNGERUNG FÜR HAHN MIT ROSETTE 16 - 26 mm
УДЛИНЕНИЕ КРАНА С КРУГЛОЙ РУЧКОЙ 16 - 26 mm

COD. 4029

COD	DIM	PACK	€/pz
4029162016001	16x20x16	16	**7,90**
4029202620001	20x26x20	10	**11,95**

TI A 90° CON DERIVAZIONE MAGGIORATA

90° TEE WITH INCREASED TAKE OFF
T-STÜCK 90° MIT VERGRÖSSERTEM MITTELABGANG
TÉ Á 90° AVEC DÉRIVATION AUGMENTÉE - TE CON DERIVACIÓN AUMENTADA
ТРОЙНИК 90° С ВЫХОДОМ НА БОЛЬШИЙ ДИАМЕТР

COD. 4034

COD	DIM	PACK	€/pz
4034160002001	16x$^1/_2$"	15	**6,65**
4034200002001	20x$^1/_2$"	15	**7,18**
4034200003001	20x$^3/_4$"	10	**8,27**

RACCORDO MURALE A GOMITO

WALL PLATE ELBOW FITTING - APPLIQUE MURALE - CODO GRIFO
WANDSCHEIBE - НАСТЕННОЕ КОЛЕНО

COD. 4035

COD	DIM	PACK	€/pz
4035160002001	16x$^1/_2$"	8	**18,83**
4035200002001	20x$^1/_2$"	8	**19,27**

RACCORDO MURALE DOPPIO

DOUBLE WALL PLATE ELBOW FITTING - APPLIQUE MURALE DOUBLE
CODO GRIFO DOBLE - DOPPELWANDSCHEIBE
ДВОЙНОЙ НАСТЕННЫЙ ПЕРЕХОДНИК

DeltAll MultiProfile "Press Safety"...
Raccordi in ottone a pressare - Brass press fittings
Raccords en laiton à sertir - Accesorios de latón a prensar
Druckanschlüsse aus Messing - Прижимные латуневые переходники

Unidelta lancia sul mercato una nuova linea di raccordi in ottone a pressare, sempre multiprofilo, ma che permette anche di rilevare già in fase di installazione se il raccordo non viene pinzato in maniera corretta; infatti in caso di mancanza o di errata pressatura il raccordo perde acqua da subito.

CARATTERISTICHE DEL NUOVO RACCORDO

- Gamma completa di figure dal diametro 16 al 32 mm.
- Temperatura massima di utilizzo: 120°C in continuo
- Pressione massima di esercizio: 10 bar

Per ogni approfondimento fare riferimento al Manuale Tecnico Unidelta "Tubi multistrato, raccordi a pressare, collettori e attrezzature".

Unidelta lance sur le marché une nouvelle ligne de raccords en laiton à presser, toujours à profils multiples, celle-ci permet de constater déjà lors de la phase d'installation si le raccord n'est pas pincé correctement. En effet, comme illustré sur la figure, en cas d'absence ou de pressage erroné, le raccord perd de l'eau tout de suite.

CARACTÉRISTIQUES TECHNIQUES DU NOUVEAU RACCORD

- *Gamme complète de figures d'un diamètre de 16 à 32 mm.*
- *Température maximum d'utilisation: 120°C en continu*
- *Pression d'exercice maximum: 10 bar*

Pour plus de détails, consulter le Manuel Technique Unidelta "Tube multicouche, raccords a presser, collecteurs et equipements".

Unidelta lanza al mercado una nueva línea de racores de latón para prensar, siempre multiperfil, pero que permite también detectar desde la fase de instalación si el racor no se ha pinzado correctamente. Como se muestra en la figura, en caso de que no se prense o se prense mal, el racor pierde agua enseguida.

CARACTERÍSTICAS TÉCNICAS DEL NUEVO RACOR

- Gama completa de figuras con diámetro de 16 hasta 32 mm.
- Temperatura máxima de uso: 120°C de forma contínua
- Presión máxima de funcionamiento: 10 bar

Para información más detallada, consultar el Manual Técnico Unidelta "Tubi multistrato, raccordi a pressare, collettori e attrezzature".

Fig. 5: Raccordi Press Safety - *Raccords "Press Safety"* - Racores "Press Safety"

Tab. 3: Profili delle ganasce utilizzabili con il sistema DeltAll
Tab. 3: Profils des machoires qu'on peut utiliser avec le système DeltAll
Tab. 3: Perfiles de las mordazas que pueden utilizarse con el sistema DeltAll

Profilo ganascia *Jaw profile* Perfiles mord.	d_e [mm] 16	d_e [mm] 20	d_e [mm] 26	d_e [mm] 32
TH	✓	✓	✓	✓
H	✓	✓	✓	✓
U	✓	✓	-	✓

... DeltAll MultiProfile "Press Safety"
Raccordi in ottone a pressare - Brass press fittings
Raccords en laiton à sertir - Accesorios de latón a prensar
Druckanschlüsse aus Messing - Прижимные латуневые переходники

Unidelta launches a new range of multiprofile brass press fittings. They allow you to see whether the fitting has been clamped correctly at the time of installation. As shown in the figure, if the pressing is not carried out or performed correctly, water starts leaking from the fitting immediately.

TECHNICAL FEATURES OF THE NEW FITTING

- Full range of figures with diameters ranging from 16 to 32 mm.
- Maximum operating temperature: 120°C in -continuous mode
- Maximum operating pressure: 10 bar

Please make reference to the UNIDELTA Technical Handbook "Multilayer pipes, press fittings, manifolds and tools".

Unidelta bringt eine neue Linie von Messing-Pressfittings auf den Markt, es handelt sich wie immer um MultiProfile-Fittings, sie zeichnen sich aber dadurch aus, dass bereits in der Installationsphase festgestellt werden kann, ob der Fitting korrekt verpresst wurde. Wie die Abbildung zeigt, kann bei mangelnder oder fehlerhafter Pressung sofort festgestellt werden, dass Wasser aus der Verbindung austritt.

TECHNISCHE MERKMALE DES NEUEN FITTINGS

- Komplette Produktpalette an Formen mit Durchmesser 16 bis 32 mm.
- Maximale Betriebstemperatur: 120°C im Dauerbetrieb
- Maximaler Betriebsdruck: 10 bar

Weitere Informationen dazu finden Sie im technischen Handbuch für "Multilayer pipes, press fittings, manifolds and tools".

Компания Unidelta предлагает на рынок новую серию латунных пресс-фитингов, как всегда универсальных, но позволяющие определить уже во время установки, если фитинг был неправильно запрессован. Действительно, как показано на рисунке, в случае отсутствия или неправильного выполнения запрессовки, на фитинге немедленно образуется утечка воды.

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ И ПРЕИМУЩЕСТВА НОВОГО ФИТИНГА

- Полный комплект форм диаметром от 16 до 32 мм.
- Максимальная температура эксплуатации: 120°C в непрерывном режиме
- Максимальное рабочее давление: 10 бар

Более подробная информация приведена в техническом руководстве Unidelta "МНОГОСЛОЙНЫЕ ТРУБЫ, ПРИЖИМНЫЕ ПЕРЕХОДНИКИ, КОЛЛЕКТОРЫ И ИНСТРУМЕНТЫ"

Fig. 5: "Press Safety" fittings - *Druckanschlüsse"Press Safety"* - переходники "Press Safety"

Tab. 3: Profiles of the jaws useable with the DeltAll system
Tab. 3: Mit dem System DeltAll verwendbare Backenprofile
Таблице *3: Профили губок, используемых с ситемой DeltAll*

Jaw profile *Backenprofil Профиль губок*	d_e [mm] 16	d_e [mm] 20	d_e [mm] 26	d_e [mm] 32
TH	✓	✓	✓	✓
H	✓	✓	✓	✓
U	✓	✓	-	✓

COD. 4201

COD	DIM	PACK	€/pz
4201160000001	16x16	40	**4,19**
4201200000001	20x20	40	**5,91**
4201260000001	26x26	20	**7,40**
4201320000001	32x32	15	**11,03**

MANICOTTO "PRESS SAFETY"
"PRESS SAFETY" COUPLING
MANCHON "PRESS SAFETY"
MANGUITO "PRESS SAFETY"
KUPPLUNG "PRESS SAFETY"
МУФТА "PRESS SAFETY"

COD. 4202

COD	DIM	PACK	€/pz
4202201600001	20x16	40	**5,05**
4202261600001	26x16	30	**6,40**
4202262000001	26x20	30	**6,69**
4202322000001	32x20	20	**8,97**
4202322600001	32x26	15	**9,83**

MANICOTTO DI RIDUZIONE "PRESS SAFETY"
"PRESS SAFETY" REDUCING COUPLING
MANCHON REDUIT "PRESS SAFETY"
MANGUITO REDUCIDO "PRESS SAFETY"
KUPPLUNG REDUZIERT "PRESS SAFETY"
МУФТА РЕДУКЦИОННАЯ "PRESS SAFETY"

COD. 4203

COD	DIM	PACK	€/pz
4203160001001	16x$^{3}/_{8}$"	50	**3,88**
4203160002001	16x$^{1}/_{2}$"	40	**3,34**
4203200002001	20x$^{1}/_{2}$"	40	**3,90**
4203200003001	20x$^{3}/_{4}$"	30	**4,84**
4203260003001	26x$^{3}/_{4}$"	35	**6,06**
4203260004001	26x1"	20	**8,19**
4203320004001	32x1"	20	**8,94**

RACCORDO MASCHIO "PRESS SAFETY"
"PRESS SAFETY" MALE ADAPTOR
RACCORD MÂLE "PRESS SAFETY"
ENLACE ROSCA MACHO "PRESS SAFETY"
ANSCHLUSSVERSCHRAUBUNG
MIT AUSSENGEWINDE "PRESS SAFETY"
МУФТА С НАРУЖНОЙ РЕЗЬБОЙ "PRESS SAFETY"

COD. 4204

COD	DIM	PACK	€/pz
4204160002001	16x1/2"	40	**3,48**
4204200002001	20x1/2"	40	**3,97**
4204200003001	20x3/4"	20	**5,61**
4204260003001	26x3/4"	20	**6,09**
4204260004001	26x1"	15	**7,44**
4204320004001	32x1"	15	**9,05**

RACCORDO FEMMINA "PRESS SAFETY"

"PRESS SAFETY" FEMALE ADAPTOR

RACCORD FEMELLE "PRESS SAFETY"

ENLACE ROSCA HEMBRA "PRESS SAFETY"

ANSCHLUSSVERSCHRAUBUNG MIT INNENGEWINDE "PRESS SAFETY"

МУФТА С ВНУТРЕННЕЙ РЕЗЬБОЙ "PRESS SAFETY"

COD. 4205

COD	DIM	PACK	€/pz
4205160000001	16x16x16	20	**6,78**
4205200000001	20x20x20	16	**8,87**
4205260000001	26x26x26	10	**14,28**
4205320000001	32x32x32	8	**22,76**

TI A 90° "PRESS SAFETY"

"PRESS SAFETY" 90° TEE

TÉ Á 90° "PRESS SAFETY"

TE, TRES BOCAS UNION TUBO "PRESS SAFETY"

T-STÜCK 90° "PRESS SAFETY"

ТРОЙНИК 90° "PRESS SAFETY"

COD. 4206

COD	DIM	PACK	€/pz
4206160000001	16x16	30	**4,71**
4206200000001	20x20	30	**6,47**
4206260000001	26x26	15	**9,88**
4206320000001	32x32	10	**14,95**

GOMITO A 90° "PRESS SAFETY"

"PRESS SAFETY" 90° ELBOW

COUDE Á 90° "PRESS SAFETY"

CODO 90° "PRESS SAFETY"

WINKEL 90° "PRESS SAFETY"

КОЛЕНО 90° "PRESS SAFETY"

COD. 4207

COD	DIM	PACK	€/pz
4207160002001	16x16x1/2"	20	**6,62**
4207200002001	20x20x1/2"	16	**8,83**
4207200003001	20x20x3/4"	16	**9,66**
4207260003001	26x26x3/4"	10	**14,54**
4207320004001	32x32x1"	10	**23,17**

TI A 90° CON DERIVAZIONE FEMMINA "PRESS SAFETY"
"PRESS SAFETY" 90° TEE WITH THREADED FEMALE TAKE OFF
TÉ Á 90° AVEC DERIVATION TARAUDÉE "PRESS SAFETY"
TE, BOCA CENTRAL ROSCA HEMBRA "PRESS SAFETY"
T-STÜCK 90° MIT INNENGEWINDE AM MITTELSTUTZEN "PRESS SAFETY"
КОЛЕНО 90° С ВНУТРЕННЕЙ РЕЗЬБОЙ "PRESS SAFETY"

COD. 4208

COD	DIM	PACK	€/pz
4208160002001	16x1/2"	40	**4,19**
4208200002001	20x1/2"	30	**5,31**
4208200003001	20x3/4"	30	**6,17**
4208260003001	26x3/4"	20	**8,44**
4208320004001	32x1"	10	**15,23**

GOMITO A 90° CON DERIVAZIONE MASCHIO "PRESS SAFETY"
"PRESS SAFETY" 90° ELBOW WITH THREADED MALE TAKE OFF
COUDE Á 90° AVEC DERIVATION FILETÉE "PRESS SAFETY"
ENLACE ROSCA MACHO A 90° "PRESS SAFETY"
WINKEL 90° MIT AUSSENGEWINDE "PRESS SAFETY"
КОЛЕНО 90° С НАРУЖНОЙ РЕЗЬБОЙ "PRESS SAFETY"

COD. 4209

COD	DIM	PACK	€/pz
4209160002001	16x1/2"	30	**4,31**
4209200002001	20x1/2"	30	**5,12**
4209200003001	20x3/4"	25	**6,75**
4209260003001	26x3/4"	20	**9,29**
4209320004001	32x1"	10	**14,57**

GOMITO A 90° CON DERIVAZIONE FEMMINA "PRESS SAFETY"
"PRESS SAFETY" 90° ELBOW WITH THREADED FEMALE TAKE OFF
COUDE Á 90° AVEC DERIVATION TARAUDÉE "PRESS SAFETY"
ENLACE ROSCA HEMBRA A 90° "PRESS SAFETY"
WINKEL 90° MIT INNENGEWINDE "PRESS SAFETY"
КОЛЕНО 90° С ВНУТРЕННЕЙ РЕЗЬБОЙ "PRESS SAFETY"

COD. 4210

COD	DIM	PACK	€/pz
4210160002001	16x16x1/2"	20	**8,35**
4210200002001	20x20x1/2"	16	**8,75**
4210200003001	20x20x3/4"	16	**8,87**
4210260003001	26x26x3/4"	10	**11,92**

TI A 90° CON DERIVAZIONE MASCHIO "PRESS SAFETY"
"PRESS SAFETY" 90° TEE WITH THREADED MALE TAKE OFF
TÉ Á 90° AVEC DERIVATION FILETÉE "PRESS SAFETY"
TE, BOCA CENTRAL ROSCA MACHO "PRESS SAFETY"
T-STÜCK 90° MIT AUSSENGEWINDE AM MITTELSTUTZEN "PRESS SAFETY"
ТРОЙНИК 90° С НАРУЖНОЙ РЕЗЬБОЙ "PRESS SAFETY"

COD. 4211

COD	DIM	PACK	€/pz
4211260000001	26x26	15	**13,73**
4211320000001	32x32	10	**15,83**

GOMITO A 45° "PRESS SAFETY"
"PRESS SAFETY"45° ELBOW - COUDE Á 45° "PRESS SAFETY"
CODO 45° "PRESS SAFETY" - WINKEL 45° "PRESS SAFETY"
КОЛЕНО 45° "PRESS SAFETY"

COD. 4213

TI A 90° RIDOTTO "PRESS SAFETY"
"PRESS SAFETY" 90° REDUCING TEE
TÉ Á 90° REDUIT "PRESS SAFETY"
TE 90° REDUCIDA "PRESS SAFETY"
T-STÜCK 90° REDUZIERT "PRESS SAFETY"
ТРІЙНИК 90° РЕДУКЦИОННЫЙ "PRESS SAFETY"

COD	DIM	PACK	€/pz
4213201616001	20x16x16	16	**7,97**
4213201620001	20x16x20	16	**8,41**
4213202016001	20x20x16	16	**8,61**
4213261626001	26x16x26	12	**13,46**
4213261620001	26x16x20	12	**11,23**
4213262020001	26x20x20	12	**12,60**
4213262026001	26x20x26	12	**13,72**
4213262616001	26x26x16	12	**12,97**
4213262620001	26x26x20	12	**13,72**
4213322032001	32x20x32	8	**19,08**
4213322626001	32x26x26	8	**21,39**
4213322632001	32x26x32	8	**22,54**

COD. 4214

COD	DIM	PACK	€/pz
4214160001001	16x3/8"	40	**4,84**
4214160002001	16x1/2"	40	**3,97**
4214160003001	16x3/4"	40	**4,26**
4214200002001	20x1/2"	40	**4,31**
4214200003001	20x3/4"	40	**4,64**
4214260003001	26x3/4"	30	**7,71**
4214260004001	26x1"	25	**9,23**
4214320004001	32x1"	20	**9,49**

RACCORDO DIRITTO FEMMINA CON DADO GIREVOLE "PRESS SAFETY"
"PRESS SAFETY" DIRECT FEMALE FITTING WITH ROTATING NUT
RACCORD FEMELLE DROIT AVEC ÉCROU PIVOTANT "PRESS SAFETY"
RACOR DERECHO HEMBRA CON TUERCA GIRATORIA "PRESS SAFETY"
GERADER ANSCHLUSS MIT DREHBARER MUTTER "PRESS SAFETY"
ПРЯМОЙ ПЕРЕХОДНИК С ВРАЩАЮЩЕЙСЯ ГАЙКОЙ "PRESS SAFETY"

COD. 4215

COD	DIM	PACK	€/pz
4215161600001	16x16	3	**40,11**
4215202000001	20x20	3	**40,95**

RUBINETTO CON MANOPOLA "PRESS SAFETY"
"PRESS SAFETY" TAP WITH HANDLE
ROBINET AVEC BOUTON "PRESS SAFETY"
GRIFO CON EMPUÑADURA "PRESS SAFETY"
HAHN MIT KNAUF "PRESS SAFETY"
КРАН С РУЧКОЙ "PRESS SAFETY"

COD. 4216

COD	DIM	PACK	€/pz
4216161600001	16x16	3	**39,71**
4216202000001	20x20	3	**40,54**

RUBINETTO CON ROSONE "PRESS SAFETY"
"PRESS SAFETY" TAP WITH ROSETTE
ROBINET AVEC RONDELLE "PRESS SAFETY"
GRIFO CON ROSETÓN "PRESS SAFETY"
HAHN MIT ROSETTE "PRESS SAFETY"
КРАН С КРУГЛОЙ РУЧКОЙ "PRESS SAFETY"

COD. 4229

COD	DIM	PACK	€/pz
4229162016001	16x20x16	16	**8,61**
4229202620001	20x26x20	12	**13,03**

TI A 90° CON DERIVAZIONE MAGGIORATA "PRESS SAFETY"

"PRESS SAFETY" 90° TEE WITH INCREASED TAKE OFF
T-STÜCK 90° MIT VERGRÖSSERTEM MITTELABGANG "PRESS SAFETY"
TÉ Á 90° AVEC DÉRIVATION AUGMENTÉE "PRESS SAFETY"
TE CON DERIVACIÓN AUMENTADA "PRESS SAFETY"
ТРОЙНИК 90° С ВЫХОДОМ НА БОЛЬШИЙ ДИАМЕТР "PRESS SAFETY"

COD. 4234

COD	DIM	PACK	€/pz
4234160002001	16x$^1/_2$"	15	**7,25**
4234200002001	20x$^1/_2$"	15	**7,83**
4234200003001	20x$^3/_4$"	10	**9,01**

RACCORDO MURALE A GOMITO "PRESS SAFETY"

"PRESS SAFETY" WALL PLATE ELBOW FITTING
APPLIQUE MURALE "PRESS SAFETY"
CODO GRIFO "PRESS SAFETY"
WANDSCHEIBE "PRESS SAFETY"
НАСТЕННОЕ КОЛЕНО "PRESS SAFETY"

COD. 4235

COD	DIM	PACK	€/pz
4235160002001	16x$^1/_2$"	8	**20,52**
4235200002001	20x$^1/_2$"	8	**21,00**

RACCORDO MURALE DOPPIO "PRESS SAFETY"

"PRESS SAFETY" DOUBLE WALL PLATE ELBOW FITTING
APPLIQUE MURALE DOUBLE "PRESS SAFETY"
CODO GRIFO DOBLE "PRESS SAFETY"
DOPPELWANDSCHEIBE "PRESS SAFETY"
ДВОЙНОЙ НАСТЕННЫЙ ПЕРЕХОДНИК "PRESS SAFETY"

Accessori per raccordi Deltall “MultiProfile” e DeltAll “Press Safety”

Accessories for Deltall MultiProfile and DeltAll Press Safety fittings
Accessoires pour raccords Deltall MultiProfile et DeltAll Press Safety.
Accesorios para racores Deltall MultiProfile y DeltAll Press Safety
Zubehör für Verbindungen Deltall MultiProfile und DeltAll Press Safety
Комплектующие для фитингов Deltall MultiProfile и DeltAll Press Safety

COD. 4017

COD	€
4017000000001	**3,60**

DIMA DI FISSAGGIO SEMPLICE
SIMPLE FIXING TEMPLATE - GABARIT DE FIXATION SIMPLE
PLANTILLA DE FIJACIÓN SENCILLA
EINFACHE BEFESTIGUNGSSCHABLONE
ПРОСТОЙ КРЕПЁЖНЫЙ ШАБЛОН

COD. 4018

COD	€
4018000000001	**6,00**

DIMA DI FISSAGGIO ANGOLATA MULTIPLA
MULTIPLE ANGLES FIXING TEMPLATE - GABARIT DE FIXATION A ANGLES MULTIPLES
PLANTILLA DE FIJACIÓN CON ÁNGULO MÚLTIPLE
MEHRECK BEFESTIGUNGSSCHABLONE
КРЕПЁЖНЫЙ ШАБЛОН С МНОЖЕСТВЕННЫМ УГЛОМ

DeltAll
Raccordi in ottone a stringere - Brass screw fittings
Raccords en laiton à serrer - Accesorios de latón a apretar
Messinganschlüsse zum Festziehen - сжимаемый латуневый переходник

COD. 4097

COD	DIM	PACK	€/pz
4097162002001	16x2x1/2"	100	**2,86**

EUROCONO

COD	DIM	PACK	€/pz
4097162000001	16x2x3/4"	100	**4,45**
4097202000001	20x2x3/4"	100	**4,56**

RACCORDO CON CALOTTA PER TUBO MULTISTRATO (PEX/AL/PEX)
FITTING WITH CAP FOR MULTI-LAYER PIPE (PEX/AL/PEX)
RACCORD AVEC CULOT POUR TUBE MULTICOUCHE (PEX/AL/PEX)
RACOR CON CASQUILLO PARA TUBO MULTICAPA (PEX/AL/PEX)
ANSCHLUSS MIT HAUBE FÜR MEHRSCHICHTROHR (PEX/AL/PEX)
ПЕРЕХОДНИК С КОЛПАЧКОМ ДЛЯ МНОГОСЛОЙНОЙ ТРУБЫ (PEX/AL/PEX)

COD. 5039

COD	DIM	PACK	€/pz
5039162002001	16x2x1/2"	50	**2,68**

EUROCONO

	DIM	PACK	€/pz
5039162000001	16x2x3/4"	50	**4,12**
5039202000001	20x2x3/4"	50	**4,20**

RACCORDO CON CALOTTA PER TUBO DI POLIETILENE (PEX)
FITTING WITH CAP FOR POLYETHYLENE PIPE (PEX)
RACCORD AVEC CALOTTE POUR TUYAUX EN POLYÉTHYLÈNE (PEX)
RACOR CON CUBIERTA PARA TUBO DE POLIETILENO (PEX)
VERBINDUNG MIT HAUBE FÜR POLYÄTHYLENROHR (PEX)
ПЕРЕХОДНИК С КОЛПАЧКОМ ДЛЯ ПОЛИЭТИЛЕНОВЫХ ТРУБ (PEX)

COD. 4099

COD	DIM	PACK	€/pz
4099020203001	$^{3}/_{4}$"x2X$^{1}/_{2}$"	40	**9,16**
4099020204001	1"x2x$^{1}/_{2}$"	10	**12,07**

COLLETTORE DI DISTRIBUZIONE SEMPLICE A DUE DERIVAZIONI
SIMPLE TWO-WAY DISTRIBUTION MANIFOLD
COLLECTEUR DE DISTRIBUTION SIMPLE À DEUX DÉRIVATIONS
COLECTOR DE DISTRIBUCIÓN SIMPLE CON DOS DERIVACIONES
EINFACHER VERTEILKOLLEKTOR MIT ZWEI ABZWEIGUNGEN
КОЛЛЕКТОР ПРОСТОГО РАСПРЕДЕЛЕНИЯ С ДВУМЯ ОТВЕТВЛЕНИЯМИ

COD. 4099

COD	DIM	PACK	€/pz
4099030203001	$^{3}/_{4}$"x3x$^{1}/_{2}$"	30	**12,55**
4099030204001	1"x3x$^{1}/_{2}$"	20	**15,30**

COLLETTORE DI DISTRIBUZIONE SEMPLICE A TRE DERIVAZIONI
SIMPLE THREE-WAY DISTRIBUTION MANIFOLD
COLLECTEUR DE DISTRIBUTION SIMPLE À TROIS DÉRIVATIONS
COLECTOR DE DISTRIBUCIÓN SIMPLE CON TRES DERIVACIONES
EINFACHER VERTEILKOLLEKTOR MIT DREI ABZWEIGUNGEN
КОЛЛЕКТОР ПРОСТОГО РАСПРЕДЕЛЕНИЯ С ТРЕМЯ ОТВЕТВЛЕНИЯМИ

COD. 4099

COD	DIM	PACK	€/pz
4099040203001	$^{3}/_{4}$"x4x$^{1}/_{2}$"	20	**15,82**
4099040204001	1"x4x$^{1}/_{2}$"	15	**20,30**

COLLETTORE DI DISTRIBUZIONE SEMPLICE A QUATTRO DERIVAZIONI
SIMPLE FOUR-WAY DISTRIBUTION MANIFOLD
COLLECTEUR DE DISTRIBUTION SIMPLE À QUATRE DÉRIVATIONS
COLECTOR DE DISTRIBUCIÓN SIMPLE CON CUATRO DERIVACIONES
EINFACHER VERTEILKOLLEKTOR MIT VIER ABZWEIGUNGEN
КОЛЛЕКТОР ПРОСТОГО РАСПРЕДЕЛЕНИЯ С ЧЕТЫРЬМЯ ОТВЕТВЛЕНИЯМИ

COD. 4098

COD	DIM	PACK	€/pz
4098020203001	$^3/_4$"x2x$^1/_2$"	10	**20,16**
4098020204001	1"x2x$^1/_2$"	10	**23,08**

EUROCONO

COD	DIM	PACK	€/pz
4098020004001	1"x2x$^3/_4$"	15	**23,08**

COLLETTORE CON VALVOLE DI REGOLAZIONE A DUE DERIVAZIONI

TWO-WAY MANIFOLD WITH CONTROL VALVE
COLLECTEUR AVEC VANNES DE RÉGULATION À DEUX DÉRIVATIONS
COLECTOR CON VÁLVULAS DE REGULACIÓN CON DOS DERIVACIONES
KOLLEKTOR MIT REGELVENTILEN MIT ZWEI ABZWEIGUNGEN
КОЛЛЕКТОР С РЕГУЛИРУЮЩИМИ КЛАПАНАМИ С ДВОЙНОЙ РЕГУЛИРОВКОЙ

COD. 4098

COD	DIM	PACK	€/pz
4098030203001	$^3/_4$"x3x$^1/_2$"	4	**29,87**
4098030204001	1"x3x$^1/_2$"	4	**33,43**

EUROCONO

COD	DIM	PACK	€/pz
4098030004001	1"x3x$^3/_4$"	10	**33,43**

COLLETTORE CON VALVOLE DI REGOLAZIONE A TRE DERIVAZIONI

THREE-WAY MANIFOLD WITH CONTROL VALVE
COLLECTEUR AVEC VANNES DE RÉGULATION À TROIS DÉRIVATIONS
COLECTOR CON VÁLVULAS DE REGULACIÓN CON TRES DERIVACIONES
KOLLEKTOR MIT REGELVENTILEN MIT DREI ABZWEIGUNGEN
КОЛЛЕКТОР С РЕГУЛИРУЮЩИМИ КЛАПАНАМИ С ТРЕМЯ ОТВЕТВЛЕНИЯМИ

COD. 4098

COD	DIM	PACK	€/pz
4098040203001	$^3/_4$"x4x$^1/_2$"	4	**40,15**
4098040204001	1"x4x$^1/_2$"	4	**44,10**

EUROCONO

COD	DIM	PACK	€/pz
4098040004001	1"x4x$^3/_4$"	6	**44,10**

COLLETTORE CON VALVOLE DI REGOLAZIONE A QUATTRO DERIVAZIONI

FOUR-WAY MANIFOLD WITH CONTROL VALVE
COLLECTEUR AVEC VANNES DE RÉGULATION À QUATRE DÉRIVATIONS
COLECTOR CON VÁLVULAS DE REGULACIÓN CON CUATRO DERIVACIONES
KOLLEKTOR MIT REGELVENTILEN MIT VIER ABZWEIGUNGEN
КОЛЛЕКТОР С РЕГУЛИРУЮЩИМИ КЛАПАНАМИ С ЧЕТЫРЬМЯ ОТВЕТВЛЕНИЯМИ

COD. 5040

COD	€
5040000000001	**1920,00**

PRESSATRICE ELETTRICA COMPLETA DI GANASCE TH 16-20-26 E VALIGETTA IN PLASTICA
ELECTRIC PRESS COMPLETE WITH TH 16-20-26 JAWS AND PLASTIC CASE
PRESSE ELECTRIQUE AVEC MACHOIRES TH 16-20-26 ET MALETTE EN PLASTIQUE
PRENSA ELÉCTRICA COMPLETA CON MANDÍBULAS 16-20-26 Y MALETÍN PLÁSTICO
ELEKTRISCHE PRESSE MIT TH 16-20-26 BACKEN UND PLASTIKKOFFER
ЭЛЕКТРИЧЕСКИЙ ПРЕСС С КОЛОДКАМИ TH 16-20-26 E В ПЛАСТИКОВОМ ЧЕМОДАНЧИКЕ

COD. 5041

COD	€
5041000000001	**2520,00**

PRESSATRICE A BATTERIA COMPLETA DI GANASCE TH 16-20-26 E VALIGETTA IN PLASTICA
BATTERY POWERED PRESS COMPLETE WITH TH 16-20-26 JAWS AND PLASTIC CASE
PRESSE A BATTERIE AVEC MACHOIRES TH 16-20-26 ET MALETTE EN PLASTIQUE
PRENSA DE BATERÍA COMPLETA CON MANDÍBULAS TH 16-20-26 Y MALETÍN PLÁSTICO
BATTERIENAGETRIEBEN PRESSE MIT TH 16-20-26 BACKEN UND PLASTIKKOFFER
АККУМУЛЯТОРНЫЙ ПРЕСС С КОЛОДКАМИ TH 16-20-26 E В ПЛАСТИКОВОМ ЧЕМОДАНЧИКЕ

COD. 5042

COD	€
5042000000001	**325,20**

BATTERIA DI RICAMBIO 18V PER PRESSATRICE A BATTERIA
SPARE BATTERY 18V FOR BATTERY-POWERED PRESS - BATTERIE DE RECHARGE 18V POUR PRESSE À BATTERIE
BATERÍA DE REPUESTO 18V PARA PRENSADORA DE BATERÍA - ERSATZBATTERIE 18V FÜR PRESSE MIT BATTERIEBETRIEB
СМЕННЫЙ АККУМУЛЯТОР ДЛЯ АККУМУЛЯТОРНОГО ПРЕССА

COD. 5043

COD	€
5043000000001	**276,00**

CARICA BATTERIA 18V PER PRESSATRICE A BATTERIA

BATTERY CHARGER 18V FOR BATTERY-POWERED PRESS - CHARGEUR BATTERIE 18V POUR PRESSE À BATTERIE
CARGADOR DE BATERÍA 18V PARA PRENSADORA DE BATERÍA - BATTERIELADEGERÄT 18V FÜR PRESSE MIT BATTERIEBETRIEB
ЗАРЯДНОЕ УСТРОЙСТВО ДЛЯ АККУМУЛЯТОРНОГО ПРЕССА

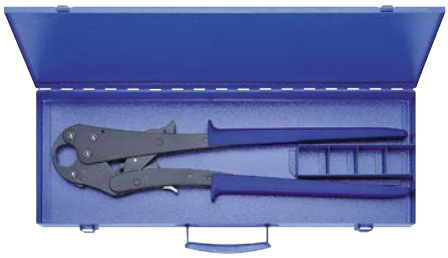
COD. 5044

COD	DIM	PACK	€
5044016000001	16	1	**252,00**
5044020000001	20	1	**252,00**
5044026000001	26	1	**252,00**
5044032000001	32	1	**336,00**
5044040000001	40	1	**430,00**
5044050000001	50	1	**825,60**
5044063000001	63	1	**1638,50**

GANASCE TH PER PRESSATRICI ELETTRICHE E A BATTERIA

JAWS TH FOR ELECTRIC AND BATTERY-POWERED PRESSES - MÂCHOIRES TH POUR PRESSES ÉLECTRIQUES ET À BATTERIE
MORDAZAS TH PARA PRENSADORAS ELÉCTRICAS Y DE BATERÍA - BACKEN TH FÜR ELEKTRISCHE UND PRESSEN MIT BATTERIEBETRIEB
КОЛОДКИ ДЛЯ ЭЛЕКТРИЧЕСКОГО И АККУМУЛЯТОРНОГО ПРЕССА

COD. 5047



COD	€
5047000000001	**568,80**

PRESSATRICE MANUALE CON VALIGETTA IN METALLO

MANUAL PRESS WITH STEEL METAL CASE
PRESSE MANUELLE AVEC MALETTE EN METAL
PRENSA MANUAL CON MALETÍN METAL
MANUELLE BETRIEBENE PRESSE MIT METALLKOFFER
РУЧНОЙ ПРЕСС В МЕТАЛЛИЕСКОМ ЧЕМОДАНЧИКЕ

COD. 5052

COD	DIM	PACK	€
5052016000001	16	1	**96,00**
5052020000001	20	1	**96,00**

ADATTATORE TH PER PRESSATRICE MANUALE

TH JAWS FOR MANUAL PRESS - ADAPTATEURS TH POUR PRESSE MANUELLE - MANDÍBULAS TH PARA PRENSA MANUAL
TH BACKEN FÜR MANUELLE PRESSE - КОЛОДКИ ДЛЯ РУЧНОГО ПРЕССА

COD. 5045

COD	DIM	€
5045014032001	14-32 mm	**666,00**

SET CALIBRATORI E SVASATORI

SET OF CALIBRATORS AND COUNTERSINKS - SET DE CALIBREURS ET ÉVASEURS
JUEGO DE CALIBRADORES Y AVELLANADORES - SATZ KALIBRIERDORNE UND SENKER
КОМПЛЕКТ КАЛИБРАТОРОВ И ЗЕНКОВОК

COD. 5050

COD	€
5050000000001	**84,00**

CALIBRATORE/SVASATORE SOLO CORPO 16/20/26/32

CALIBRATOR/COUNTERSINK BODY ONLY - CALIBREUR/FORET A FRAISER CORPS UNIQUEMENT
CALIBRADOR/ESCARIADOR SOLO CUERPO - KALIBRIERGERÄT/AUSSCHMIEGUNGSGERÄT NUR KÖRPER
КАЛИБРАТОР/ЗЕНКОВКА ТОЛЬКО РУЧКА

COD. 5051

COD	DIM	PACK	€
5051016000001	16	1	**93,60**
5051020000001	20	1	**97,80**
5051026000001	26	1	**111,60**
5051032000001	32	1	**117,60**
5051405063001*	40/50/63	1	**190,55**

* già comprensivo di corpo
Body already included - Corps déjà inclus
El cuerpo ya incluido - Körper inbegriffen - головка и ручка

TESTINA PER CALIBRATORE/SVASATORE

HEAD FOR CALIBRATOR/COUNTERSINK - TETE POUR CALIBREUR/FORET A FRAISER - CABEZAL PARA CALIBRADOR/ESCARIADOR
KOPF FÜR KALIBRIER- AUSSCHMIEGUNGSGERÄT - ГОЛОВКА КАЛИБРАТОРА/ЗЕНКОВКИ

COD. 5046

COD	DIM	€
5046016020001	16-20 mm	**36,00**
5046016032001	16-32 mm	**72,00**

CESOIA

SHEARS - COUPE TUBE À CISAILLE - SIERRA - SCHERE - СТАНДАРТНЫЙ РЕЗАК

COD. 5048

COD	€
5048000000001	**45,60**

TAGLIATUBI FINO A 32 mm

PIPE CUTTERS UP TO 32 mm - COUPE-TUBES JUSQU'A' 32 mm - CORTATUBOS HASTA 32 mm
ROHRSCHNEIDER BIS ZU 32 mm - **ТРУБОРЕЗ До 32 mm**

COD. 5049

COD	€
5049000000001	**12,00**

RONDELLA DI RICAMBIO PER TAGLIATUBI

SPARE WASHER FOR PIPE CUTTERS - RONDELLE DE RECHANGE POUR COUPE-TUBES - ARANDELA DE REPUESTO PARA CORTATUBOS
ERSATZSCHEIBE FÜR ROHRSCHNEIDER - **СМЕННАЯ ШАЙБА ТРУБОРЕЗА**

NOTE

Copyright © 2013 Unidelta Spa
Via Capparola Sotto, 4 - 25078 Vestone (BS) - Italy
Tel. 0039 0365 878011 - Fax 00390365 878090
www.unidelta.com - unidelta@unidelta.com

Tutti i diritti sono riservati.
Nessuna parte di questo documento può essere riprodotta con sistemi elettronici, meccanici o altri, senza l'autorizzazione scritta di Unidelta Spa.

Tous les droits sont réservés.
Aucune partie de ce document ne peut être reproduite à l'aide de systèmes électroniques, mécaniques ou autres sans autorisation écrite de l'auteur.

Todos los derechos reservados.
Ninguna parte de este documento puede ser reproducida con sistemas electrónicos, mecánicos u otros sin la autorización por escrito del autor.

All rights reserved.
No part of this document can be reproduced electronically, mechanically or by any other means without the written consent of the author.

Alle Rechte vorbehalten.
Kein Teil dieses Dokumentes darf mit elektronischen, mechanischen oder anderen Systemen ohne Genehmigung des Autors vervielfältigt werden.

Все права защищены.
Любая часть настоящего документа, не может быть копирована электронным, механическим и любым другим способом без письменного разрешения автора.

CONDIZIONI GENERALI DI VENDITA

Le vendite sono effettuate da Unidelta Spa unicamente alle "condizioni" di seguito riportate. Ogni ordine accettato viene evaso a dette condizioni, in deroga espressa a qualsiasi altra norma, salvo accordo scritto e sottoscritto da Unidelta Spa.

1. Qualsiasi ordine è subordinato alla preventiva approvazione di Unidelta Spa, la quale potrà annullarlo e/o ridurlo e/o integrarlo nei quantitativi, senza che ciò costituisca motivo di contestazione o diritto a reclamo di sorta da parte del Cliente. Eventuali ordini evasi solo parzialmente saranno completati con forniture successive, salvo che il Cliente non comunichi per iscritto decisione diversa.

2. Unidelta Spa garantisce che i prodotti della stessa fabbricati sono esenti da difetti nei materiali e nelle lavorazioni. La presente Garanzia riguarda esclusivamente i prodotti che siano affetti da vizi originari di produzione. Non sono pertanto coperti da Garanzia i prodotti che presentano difetti causati da trasporto, incidenti, manomissioni, riparazioni, negligenza, abuso o utilizzo improprio, mancanza di manutenzione appropriata o ragionevole, manomissione o modifiche effettuate da persone non autorizzate, caso fortuito, normale usura, deterioramento dovuto all'uso e da ogni altra causa non riconducibile ad un difetto originario del prodotto. L'acquirente del prodotto decade dalla Garanzia qualora non provveda a contestare ad Unidelta Spa i vizi del prodotto, a mezzo lettera raccomandata con ricevuta di ritorno, entro 8 giorni dalla data di ricevimento della merce o, in caso di vizi occulti, dalla data in cui siano stati, o avrebbero dovuto essere, scoperti. La Garanzia ha, in ogni caso, una validità di 1 anno dalla data della consegna del prodotto. La Garanzia si limita alla sostituzione dei prodotti difettosi o alla loro riparazione nella sede della Venditrice, con completa esclusione di qualsiasi altra responsabilità e in particolare con l'esclusione di indennizzi o riconoscimenti di danni comunque causati dall'uso dei prodotti della Venditrice, nei limiti delle leggi vigenti. La presente Garanzia rappresenta l'unica garanzia prestata da Unidelta Spa agli acquirenti dei propri prodotti, i quali pertanto, nei limiti consentiti dalla legge, non possono invocare nei confronti di Unidelta Spa nessun'altra Garanzia, espressa o tacita, legale o convenzionale, ne pretendere il risarcimento di danni diretti, indiretti, incidentali o consequenziali, tanto in via contrattuale quanto extracontrattuale.

3. Al ricevimento dei prodotti il CLIENTE deve verificare immediatamente lo stato e la conformità dei prodotti. Tutti i reclami relativi alla conformità dei prodotti all'ordine, anche in relazione alla loro quantità e/o aspetto esteriore, devono essere formulate per iscritto all'atto del ricevimento della merce e comunicate alla Venditrice entro e non oltre 8 (otto) giorni dal ricevimento. In ogni caso la restituzione dei prodotti da parte del Cliente necessita del consenso scritto di Unidelta, restando fin d'ora inteso che in mancanza di un accordo in tal senso i prodotti restituiti saranno tenuti a disposizione dei Clienti a loro rischio e pericolo con spese di trasporto, deposito e custodia a carico degli stessi.

4. I termini di consegna non sono vincolanti né essenziali, ed hanno natura indicativa. Eventuali ritardi nella consegna non determinano diritto a penalità, annullamento o risoluzione del rapporto. Eventuali richieste di spostamento dei termini di consegna indicati, saranno accettate solo se preventivamente concordate per iscritto. Il ritardo nella spedizione non potrà mai costituire motivo di risarcimento danni. La merce viaggia a rischio e pericolo del Cliente anche se resa franco destino. Ogni responsabilità della Venditrice cessa con la consegna al vettore. In mancanza di precise indicazioni il materiale verrà spedito col mezzo ritenuto più idoneo, senza nessuna responsabilità della Venditrice per la scelta.

5. Le spese di spedizione sono a carico del Cliente salvo espresso patto contrario.

6. La Venditrice potrà sospendere o annullare la fornitura, anche per la parte ancora da eseguire, nei casi di forza maggiore o di accertata modificazione della situazione giuridica, commerciale o patrimoniale del Cliente. In particolare nell'ipotesi di insolvenza anche parziale del Cliente, la Venditrice ha la facoltà di sospendere immediatamente la fornitura e di ritenere risolti di diritto il presente ordine ed anche eventuali ordini in corso con il medesimo Cliente.

7. Gli eventuali imballaggi sono da pagarsi o da restituirsi in ottimo stato in porto franco al domicilio della Venditrice.

8. Non si riconoscono pagamenti se non effettuati direttamente alla sede della Venditrice in Vestone. L'emissione di effetti pagabili al domicilio del Cliente non costituisce deroga alla clausola del pagamento in Vestone. In caso di mancato pagamento nei termini concordati decorreranno gli interessi di mora di cui al D.Lgs. 231/02. Eventuali contestazioni non danno diritto alla sospensione dei pagamenti.

9. Le caratteristiche tecniche ed artistiche dei prodotti possono essere modificate senza preavviso per esigenze commerciali o di aggiornamento tecnico. Tutte le illustrazioni e i dati indicati nel presente catalogo sono descrittivi e non vincolanti. Le condizioni contenute nel presente documento potranno essere modificate senza preavviso e avranno validità dalla data di pubblicazione nel sito Internet www.unidelta.com.

10. Il Cliente riconosce espressamente che il nome di UNIDELTA, la sua composizione grafica ed il Know How relativo ai prodotti forniti costituiscono oggetto di proprietà intellettuale ed industriale della Venditrice. Il Cliente non potrà in alcun caso, senza la preventiva autorizzazione scritta di Unidelta, copiare, utilizzare, cancellare o rimuovere alcuna indicazione relativa a brevetti, marchi, denominazioni commerciali o di origine apposti da Unidelta sui prodotti forniti. Qualsiasi disegno o documento tecnico relativo ai prodotti della Venditrice, anche se rimesso al Cliente, rimane sempre di esclusiva proprietà della Venditrice, e non può essere utilizzato dal Cliente, o copiato, riprodotto, trasmesso o comunicato a terzi senza la preventiva autorizzazione scritta di Unidelta Spa.

11. Riservata proprietà: la merce rimane di proprietà della Venditrice fino al momento del totale pagamento della stessa.

12. Tutte le controversie derivanti dalle presenti Condizioni Generali e/o dagli ordini eseguiti in base alle stesse verranno devolute alla competenza esclusiva del Foro di Brescia, sezione distaccata di Salò (BS).

Il listino prezzi di Unidelta non costituisce alcuna offerta, è puramente indicativo e può essere modificato unilateralmente da Unidelta senza alcun preavviso.
Nessuna parte può essere copiata, tradotta, riprodotta anche in forma elettronica senza preventiva autorizzazione da parte di Unidelta Spa.

"L'acquirente, per quanto riguarda i prodotti a marchio, è tenuto a consentire l'accesso ai funzionari dell'istituto Italiano dei Plastici per esami e verifiche di conformità alle norme".

GENERAL TERMS AND CONDITIONS OF SALE

The sales are made by Unidelta Spa solely under the "conditions" set out below. Each accepted order is processed under said conditions, exclusively, except in the case of an agreement written and undersigned by Unidelta Spa.

1. Any order is subordinate to the prior approval of Unidelta Spa, who shall have the right to cancel it and/or reduce it and/or integrate quantities, which will not constitute valid motivation for dispute or complaint by the customer. Any orders filled only partially shall be completed by later supplies, except where the Customer does not communicate a different decision in writing.

2. Unidelta Spa guarantees that the products of the same factory are free of faults in material and workmanship. This Guarantee deals exclusively with products affected by original production faults. Therefore, products which present defects caused by transport, accidents, tampering, repairs, negligence, abuse or improper use, failure of appropriate or reasonable maintenance, tampering or modifications made by unauthorised persons, fortuitous case, normal wear and tear, deterioration due to use and any other cause not traceable to an original fault of the product are not covered by the Guarantee. The purchaser of the product shall no longer be entitled to the Guarantee if he has not contested the defects of the product to Unidelta, by way of registered letter with return receipt, within 8 days of the goods receipt date, or in the case of latent faults, from the date in which they were, or could have been discovered. In any case, the Guarantee is valid for 1 year from the delivery date of the product. The Guarantee is limited to the replacement of the faulty products or their repair at the premises of the Seller, with total exclusion of any other responsibility and in particular with the exclusion of compensation or recognition for damage in any case caused by use of the Seller's products, within the limits of the laws in force. This Guarantee is the only guarantee granted by Unidelta Spa to purchasers of their products, who in consequence, within the limits allowed by law, cannot invoke any other Guarantee toward Unidelta Spa, expressed or tacit, legal or conventional, or claim compensation for direct, indirect, incidental or consequential damage, within or outside the terms of the contract,

3. Upon receipt of the products the CUSTOMER must check the state and conformity of the products immediately. All complaints relating to the conformity of the products with the order, even in relation to their quantity and/or exterior appearance, must be formulated in writing upon receipt of the goods, and communicated to the Seller, within and no later than 8 (eight) days from their receipt. In any case return of the products by the Customer requires the written consent of Unidelta, it remaining understood that without an agreement the products returned shall be kept available for the Customers at their own risk and peril with transport, deposit and safekeeping expenses payable by them.

4. The terms of delivery are not binding nor essential, and are of an indicative nature. Any delays in delivery shall not determine the right to penalties, cancellation or resolution of the relationship. Any requests to move the terms of delivery indicated, shall be accepted only if agreed beforehand in writing. Delay in delivery can never constitute reason for compensation. The goods travel at the risk and peril of the Customer even if returned carriage paid. All responsibilities of the Seller cease with delivery to the carrier. Without precise instructions the material will be delivered by the most appropriate means, without any responsibility of the Seller in the choice.

5. The delivery expenses are payable by the Customer expect where expressly agreed.

6. The Seller shall have the right to suspend or cancel the supply, even for the part still to be provided, in cases of force majeure or certified modification of the legal, commercial, or financial situation of the Customer. In particular in the event of insolvency, even partial, of the Customer, the Seller has the power to immediately suspend the supply and to consider open orders, and any other orders placed by the same Customer, as cleared.

7. Any packaging is to be paid for or returned in excellent condition free port to the domicile of the Seller.

8. Payments will only be recognised if made directly to the premises of the Seller in Vestone. The issue of payable effects to the domicile of the Customer does not constitute exception to the clause of payment in Vestone. In case of failure of payment within the terms agreed the interest in arrears shall accrue pursuant to Leg. Dec. 231/02. Any contestation shall not give right to the suspension of the payments.

9. The technical and artistic features of the products can be modified without prior warning for commercial or technical updating reasons. All the illustrations and data indicated in this catalogue are descriptive and non binding. The conditions contained in this document can be modified without any prior warning and shall have the validity of the publication date on the internet site www.unidelta.com.

10. The Customer expressly recognises that the name of UNIDELTA, its graphic composition and the Know How relevant to the products provided are the intellectual and industrial property of the Seller. The Customer shall in no case, without prior written authorisation of Unidelta, copy, use, cancel or remove any indication relevant to patents, trademarks, commercial names, or of origin affixed by Unidelta on the products provided. Any drawing or technical document relating to the products of the Seller, even if returned to the Customer, always remains the exclusive property of the Seller, and cannot be used by the Customer, or copied, reproduced, transmitted or communicated to third parties without any prior written authorisation of Unidelta Spa.

11. Private property: the goods remain the property of the Seller until the moment of total payment of the same.

12. All controversies deriving from these General Conditions and/or from orders made on the basis of the same shall be devolved to the exclusive competent court of Brescia, detached section of Salò (BS).

The price list of Unidelta does not constitute any offer, it is purely indicative and can be modified unilaterally by Unidelta without any prior warning.
No part can be copied, translated, reproduced even electronically without prior authorisation by Unidelta Spa.

"The purchaser, as regards branded products, must allow access to them by the officials of the Italian institute of Plastics for exams and verifications of conformity to standards".

Certificato n° 127
UNI EN ISO 9001:2008

UNIDELTA SpA
Via Capparola Sotto, 4 - 25078 Vestone (BS) - Italy
Tel. +39 0365 878011 - Fax Export+39 0365 878090 - Fax Italia +39 0365 878080
www.unidelta.com - e-mail: unidelta@unidelta.com

Uff. Marketing Unidelta L2403 ITA_ING_FRA_SPA_TED_RUS 10/14 (10/14 - 1500)