

L'IMBALLO AD ARTE È IL NOSTRO MESTIERE!

**SICURO, IMPERMEABILE, ERMETICO,
MATERIALI PROTETTIVI E ANTICORROSIVI.**

VI OFFRIAMO ESPERIENZA IN CAMPO MONDIALE CON SOLUZIONI IN VARI SETTORI INDUSTRIALI:
INDUSTRIA AERONAUTICA, INDUSTRIA NAVALE, INDUSTRIA AUTOMOTIVE, INDUSTRIA ELETTRONICA,
INDUSTRIA IMPIANTISTICA, MACCHINE UTENSILI, LAVORAZIONE ACCIAIO, COSTRUZIONI MECCANICHE, INDUSTRIA TESSILE.



TOMOL-BAR / VCI

The efficient barrier protection combined with the VCI protection

The corrosion protection that comes out of the packaging



PRODUCT DESCRIPTION

The BARRIER product line has carried to the development of a new protection that combines the preserving characteristics of barrier film (water impermeability and low permeability to vapor) with the advantages of the VCI (volatile corrosion inhibitors) that has been integrated in the polymeric matrix and sublime into the atmosphere on the inside for a total protection of metals.

***TOTAL PROTECTION AGAINST ATMOSPHERIC AGENTS AND INTERNAL
CONDITIONING AGAINST UMIDITY AND CORROSION***

ADVANTAGES:

- ▶ **VACUUM PACKAGING IS NOT NEEDED**
- ▶ **INTERNAL VCI PROTECTION
EVEN AT HIGH REL. UMIDITY ($\leq 98\%$)**
- ▶ **PARTS READY TO ASSEMBLE, DRY, CLEAN AND
CORROSION FREE**
- ▶ **PROTECTIVE PACKAGING FOR LONG TERM
STORAGE**
- ▶ **RISK REDUCTION IN CASE OF DAMAGES TO THE
BARRIER FILM**

GENERAL INFORMATION

DURATION OF EFFECT: From 3 to 5 years respecting the instructions for use and specific indications for logistics and packaging.

STORAGE: Can be stored in the delivery conditions for 5 years (in normal storage conditions), if protected by sunlight, humidity and dust.

HEALTH: non-hazardous to health, non-toxic, no risk in case of skin-contact or inhalation and no limitations for use.

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FORMS:

- ▶ FLAT FILM
- ▶ TUBULAR FILM TUBOLARE
- ▶ SEMI-TUBULAR FILM
- ▶ FILM SHEETS
- ▶ FLAT BAGS
- ▶ CUBOID HOODS
- ▶ ECC.

TECHNICAL DATA

"TOMOL-BAR VCI"

- COMPOSITION:**
- 12 my foil PETP
 - glue
 - 9 my aluminum foil
 - glue
 - 80 my foil LD/BUE
 - V.C.I. protection

Weight: ca. 120 g/ m² **acc. EN 22286**
Tensile strength MD 67 N/15 mm
 (acc. ISO 527)
 CD 64 N/15 mm
 (acc. ISO 527)

Elongation MD 51 %
 (acc. ISO 527)
 CD 47 %
 (acc. ISO 527)

Optimal sealing conditions: 170/180°C

Tensile strength of sealing:
 56 N/15 mm a 170°C

Water Vapor Permeability:
 < 0,03/0,05 g/m²/d acc. DIN 53122

Temperature resistance:
 - 30°C to + 60°C

SPECIFICS CITED

Respecting norms:

Acc. MIL – PRF – 131 K	Type 1	Class 1
Acc. DIN 55531 – 1	Type 1	
Acc. NF H 00310	Class 4	

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