



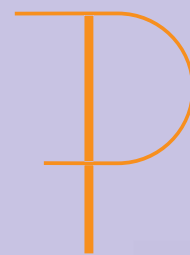
FP PATTARONI



Raccorderia per l'idraulica  
Brass fittings

C A T A L O G O  
LISTINO PREZZI 2015





FP PATTARONI

Raccorderia per l'idraulica  
Brass fittings



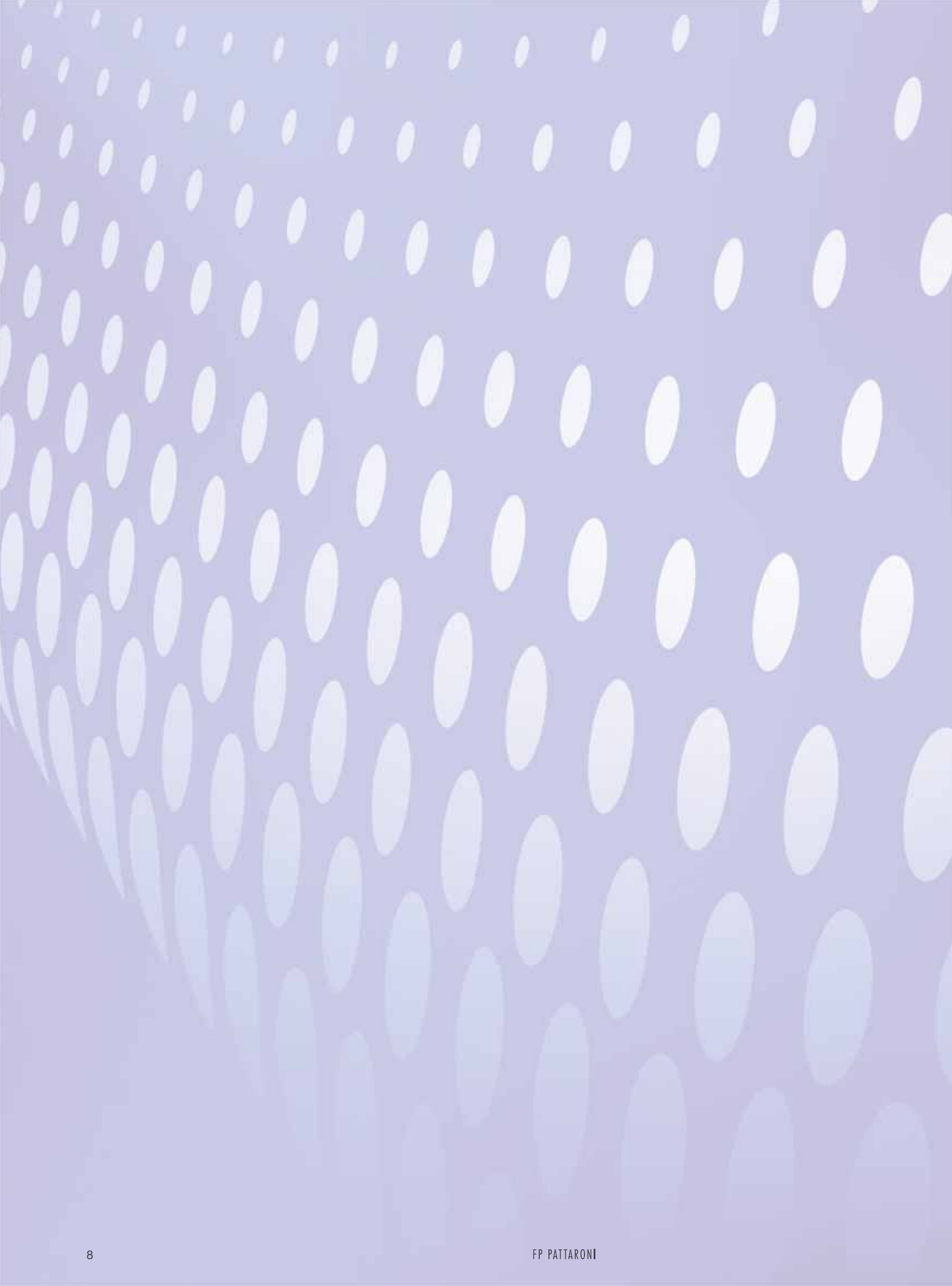
C A T A L O G O  
LISTINO PREZZI 2015



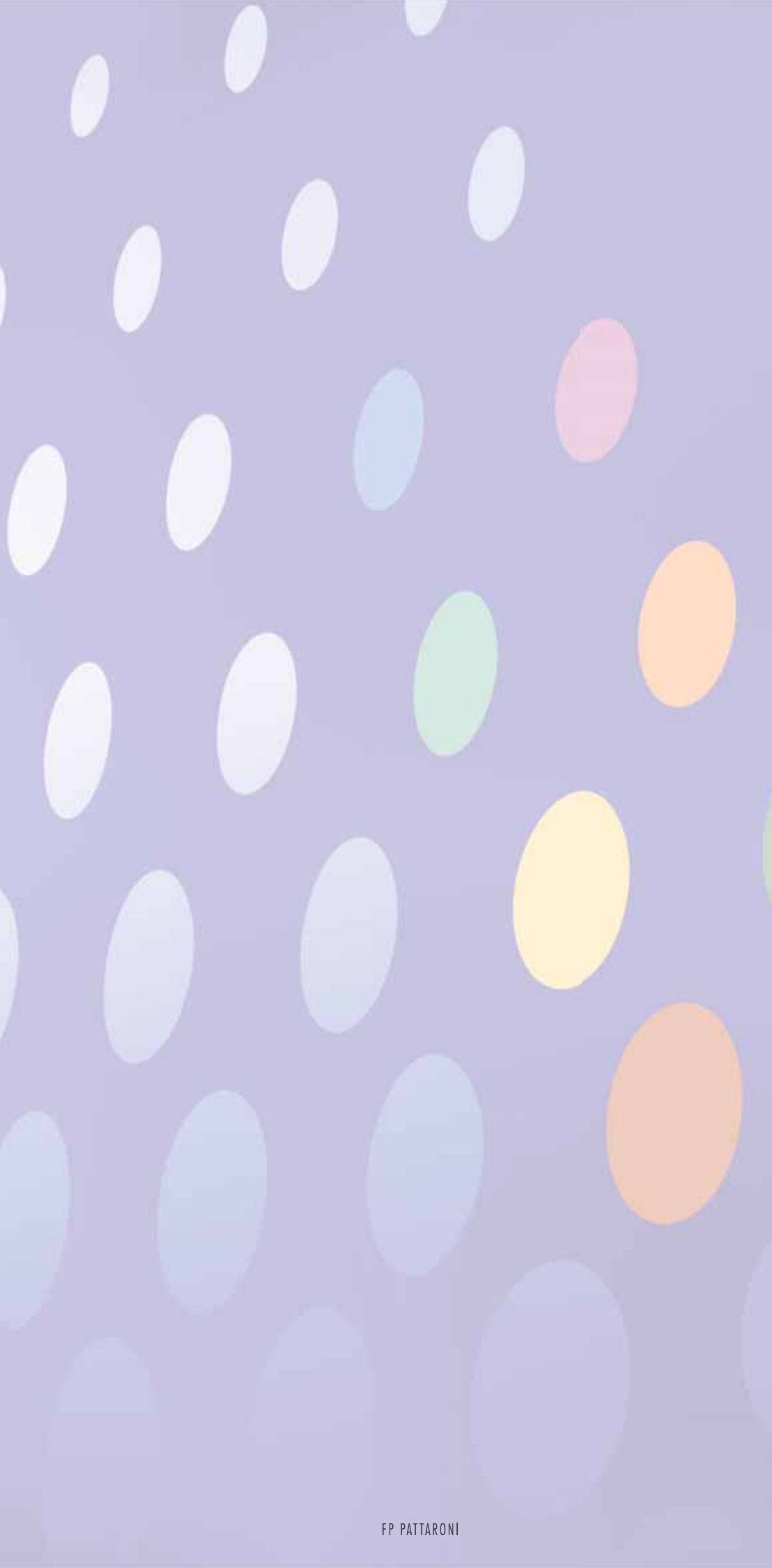












Canne e tubi  
*Connections  
and pipes*

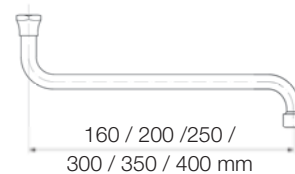
## F506

Canne per lavello "S"  
con rompigitto e ghiera  
"S" spout for sink with jet-breaker  
brass and hexagonal cap



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F506CR001	3/4" L.160mm	10
F506CR002	3/4" L.200mm	10
F506CR003	3/4" L.250mm	10
F506CR004	3/4" L.300mm	10
F506CR005	3/4" L.350mm	10
F506CR006	3/4" L.400mm	10



## F507

Canne per lavello "U"  
con rompigitto e ghiera  
"U" spout for sink with jet-breaker  
brass and hexagonal cap



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F507CR001	3/4" L.160mm	10
F507CR002	3/4" L.200mm	10
F507CR003	3/4" L.250mm	10
F507CR004	3/4" L.300mm	10



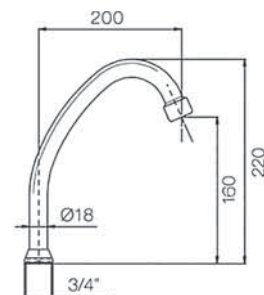
## F508

Canne per monoforo universale  
con rompigitto e ghiera  
Universal spout for single hole with  
jet-breaker brass and hexagonal cap



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F508CR001	3/4" L.200mm	10



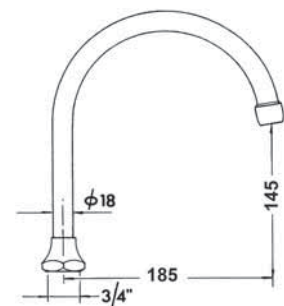
## F509

Canne a ponte attacco 3/4"  
con rompigitto e ghiera  
Bridge shaped spout for sink with  
jet-breaker brass and hexagonal cap



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F509CR001	3/4" L.185mm	10





## F510

Canne universale a ponte fissa  
attacco 3/4" con ghiera esagonale  
*Universal spout to fixed bridge with  
hexagonal cap 3/4"*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F510CR001	3/4" L.230mm	10



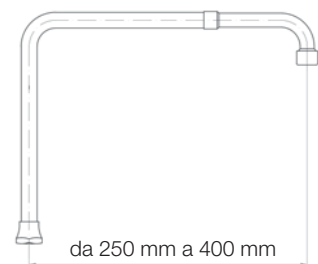
## F511

Canne universale a ponte regolabile  
attacco 3/4" con ghiera esagonale  
*Universal spout to adjustable bridge  
with hexagonal cap 3/4"*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F511CR001	3/4" L.250-400mm	10



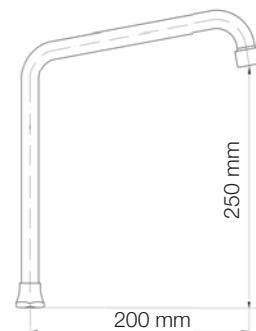
## F513

Canne universale a ponte fissa  
attacco 3/4" con ghiera esagonale  
*Universal spout to fixed bridge with  
hexagonal cap 3/4"*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F513CR001	3/4" L.200mm	10



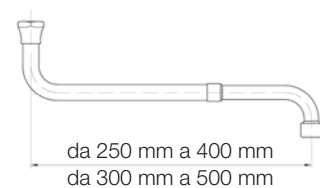
## F514

Canne a "S" telescopica regolabile  
attacco 3/4" con ghiera esagonale  
*Telescopic, adjustable "S" spout for  
sink, hexagonal cap 3/4"*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F514CR001	3/4" L.250-400mm	10
F514CR002	3/4" L.300-500mm	10



## F040

Curvetta attacco doccia  
con rosone MM sede piana  
*Male elbow with rosette*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F040CR001	1/2"x1/2"	10	50
F040CR002	1/2"x3/4"	10	50

## F041

Curvetta scaldabagno cromata  
*Chrome plated boiler elbow*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F041CR001	1/2"x1/2"	10	100
F041CR002	3/4"x1/2"	10	100

## F71

Curvetta sottolavabo fissa  
*Fixed elbow for wash basin*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F71CR001	3/8"x10mm	2	50
F71CR002	1/2"x10mm	2	50
F71CR003	1/2"x3/8" #	2	50

# (s/calotta - without cap)

## F7

Curvetta sottolavabo stampata  
Stamped elbow for wash basin



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F7CR002	1/2" Ø10 90°	2	100
F7CR003	3/8" Ø10 90°	2	100

## F173

Curvetta sottolavabo in tubo rame  
Copper elbow for wash basin



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F173CR001	1/2"Ø10mm	2	50
F173CR002	3/8"Ø10mm	2	50

## F175

Curvetta sottolavabo in tubo rame  
scorrevole e regolabile  
Extended copper elbow  
for wash basin



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F175CR001	1/2"Ø10mm	2	50

## F986

Rotolo in rame 5 mt.  
Copper roll 5 mt.



### CROMATO - chrome-plated

Codice Code	Misura Size	Pzz/Conf. Pcs/Conf.	Pzz/Box Pcs/Box
F986CR001	Ø10mm	1	10
F986CR002	Ø12mm	1	10
F986CR003	Ø14mm	1	8



## F164

Sonda in rame  
Chromed copper tube chromed



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F164CR001	10x1000mm	10
F164CR002	12x1000mm	10
F164CR003	14x1000mm	10
F164CR004	10x1500mm	10
F164CR005	12x1500mm	10
F164CR006	14x1500mm	10
F164CR007	10x2000mm	10
F164CR008	12x2000mm	10
F164CR009	14x2000mm	10

## F321

Tubo con bicono  
Copper tube with nut



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F321CR001	Ø10x300mm	10
F321CR004	Ø10x350mm	10
F321CR002	Ø10x400mm	10
F321CR003	Ø10x500mm	10

## F163

Tubo per riscaldamento cromato  
Copper tube for heating system  
chrome plated



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F163CR001	Ø10x150mm-3/8"	10
F163CR002	Ø12x150mm-1/2"	10
F163CR003	Ø14x150mm-1/2"	10

## F318

Tubo con cartella  
Copper tube with fold



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F318CR001	3/8"x250x10mm	25
F318CR002	3/8"x300x10mm	25
F318CR003	3/8"x350x10mm	25
F318CR004	3/8"x400x10mm	25
F318CR005	3/8"x500x10mm	25
F318CR006	3/8"x600x10mm	25
F318CR007	3/8"x1000x10mm	25

### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F318CR008	1/2"x250x10mm	25
F318CR009	1/2"x300x10mm	25
F318CR010	1/2"x350x10mm	25
F318CR011	1/2"x400x10mm	25
F318CR012	1/2"x500x10mm	25
F318CR013	1/2"x600x10mm	25
F318CR014	1/2"x1000x10mm	25

## F320

Tubetto in rame cromato  
per miscelatori  
*Copper tube for mixer  
chrome plated*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F320CR001	Ø10x350mm-OR8x1	10
F320CR002	Ø10x350mm-OR10x1	10
F320CR003	Ø10x350mm-OR11x1	10
F320CR004	Ø10x350mm-OR12x1	10

## F12

Squadrette sottolavabo  
*90° brass tube*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F12CR000	Ø10 150x200mm	10
F12CR016	Ø10 150x250mm	10
F12CR001	Ø10 200x300mm	10
F12CR002	Ø10 200x400mm	10
F12CR020	Ø10 250x250mm	10
F12CR025	Ø12 135x235mm	10
F12CR003	Ø12 150x250mm	10
F12CR004	Ø12 200x300mm	10
F12CR005	Ø12 200x400mm	10
F12CR017	Ø12 250x300mm	10

### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F12CR026	Ø14 130x210mm	5
F12CR030	Ø14 135x235mm	5
F12CR006	Ø14 150x200mm	5
F12CR014	Ø14 150x250mm	5
F12CR015	Ø14 150x500mm	5
F12CR007	Ø14 200x300mm	5
F12CR008	Ø14 200x400mm	5
F12CR009	Ø14 200x500mm	5
F12CR028	Ø14 250x400mm	5
F12CR013	Ø14 250x500mm	5
F12CR029	Ø14 300x500mm	5

## F406

Squadrette sottolavabo  
complete di rosone e nipples  
*Complete copper tube*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F406CR001	Ø10x150x250mm	10
F406CR002	Ø10x200x300mm	10
F406CR003	Ø12x150x250mm	10
F406CR004	Ø12x200x300mm	10
F406CR005	Ø14x150x250mm	10
F406CR006	Ø14x200x300mm	10
F406CR007	Ø14x150x500mm	10

## F304

Curva "L" sottolavabo  
*"L" brass tube*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F304CR001	Ø25x150x250mm	10
F304CR002	Ø25x200x250mm	10
F304CR003	Ø25x200x300mm	10
F304CR004	Ø25x250x300mm	10
F304CR005	Ø30x150x250mm	10
F304CR006	Ø30x200x250mm	10
F304CR007	Ø30x200x300mm	10
F304CR008	Ø30x250x300mm	10
F304CR009	Ø32x150x250mm	10
F304CR010	Ø32x200x250mm	10
F304CR011	Ø32x200x300mm	10
F304CR012	Ø32x250x300mm	10

## F236

Cannotto per sifone  
Smooth brass tube



CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F236CR001	Ø24x200mm	10
F236CR002	Ø24x250mm	10
F236CR003	Ø24x300mm	10
F236CR004	Ø24x1000mm	10
F236CR005	Ø25x200mm	10
F236CR006	Ø25x250mm	10
F236CR007	Ø25x300mm	10
F236CR008	Ø25x1000mm	10
F236CR009	Ø26x200mm	10
F236CR010	Ø26x250mm	10
F236CR011	Ø26x300mm	10
F236CR012	Ø26x1000mm	10
F236CR013	Ø30x200mm	10
F236CR014	Ø30x250mm	10

CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F236CR015	Ø30x300mm	10
F236CR016	Ø30x1000mm	10
F236CR017	Ø32x200mm	10
F236CR018	Ø32x250mm	10
F236CR019	Ø32x300mm	10
F236CR020	Ø32x1000mm	10
F236CR021	Ø35x200mm	10
F236CR022	Ø35x250mm	10
F236CR023	Ø35x300mm	10
F236CR024	Ø35x1000mm	10
F236CR025	Ø40x200mm	10
F236CR026	Ø40x250mm	10
F236CR027	Ø40x300mm	10
F236CR028	Ø40x1000mm	10

## F413

Cannotto con cartella  
Brass tube with fold chrome plated



CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F413CR001	Ø24x200mm	10
F413CR002	Ø24x250mm	10
F413CR003	Ø24x300mm	10
F413CR004	Ø25x200mm	10
F413CR005	Ø25x250mm	10
F413CR006	Ø25x300mm	10
F413CR007	Ø26x200mm	10
F413CR008	Ø26x250mm	10
F413CR009	Ø26x300mm	10

CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F413CR010	Ø30x200mm	10
F413CR011	Ø30x250mm	10
F413CR012	Ø30x300mm	10
F413CR013	Ø32x200mm	10
F413CR014	Ø32x250mm	10
F413CR015	Ø32x300mm	10
F413CR019	Ø40x200mm	10
F413CR020	Ø40x250mm	10
F413CR021	Ø40x300mm	10

## F240

Cannotto con cartella maggiorata  
Brass tube with increased fold  
chrome plated



CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F240CR001	Ø26x200mmx1"1/4	10
F240CR002	Ø26x250mmx1"1/4	10
F240CR003	Ø26x300mmx1"1/4	10
F240CR004	Ø32x200mmx1"1/2	10
F240CR005	Ø32x250mmx1"1/2	10
F240CR006	Ø32x300mmx1"1/2	10

CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F240CR001	Ø26x200mmx1"1/4	10
F240CR002	Ø26x250mmx1"1/4	10
F240CR003	Ø26x300mmx1"1/4	10
F240CR004	Ø32x200mmx1"1/2	10
F240CR005	Ø32x250mmx1"1/2	10
F240CR006	Ø32x300mmx1"1/2	10

## F410

Tubo a pipa per sifone  
Siphon pipe chrome plated



CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F410CR001	Ø30x180mm	10
F410CR002	Ø30x250mm	10
F410CR003	Ø30x300mm	10
F410CR004	Ø32x300mm	10

CROMATO - chrome-plated		
Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F410CR001	Ø30x180mm	10
F410CR002	Ø30x250mm	10
F410CR003	Ø30x300mm	10
F410CR004	Ø32x300mm	10



## F305

Cannotto rigato flessibile  
*Flexible striped brass tube*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F305CR001	Ø26x200mm	10
F305CR002	Ø26x250mm	10
F305CR003	Ø26x300mm	10
F305CR004	Ø26x400mm	10
F305CR005	Ø26x500mm	10
F305CR006	Ø30x200mm	10
F305CR007	Ø30x250mm	10
F305CR008	Ø30x300mm	10

### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F305CR009	Ø30x400mm	10
F305CR010	Ø30x500mm	10
F305CR011	Ø32x200mm	10
F305CR012	Ø32x250mm	10
F305CR013	Ø32x300mm	10
F305CR014	Ø32x400mm	10
F305CR015	Ø32x500mm	10

## F409

Curva a 45° per cassetta WC  
*45° brass elbow tube*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F409CR001	Ø30x240mm	10
F409CR002	Ø30x280mm	10
F409CR003	Ø30x320mm	10

## F408

Cannotto eccentrico  
*Eccentric brass tube*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F408CR001	Ø30x315mm	10
F408CR002	Ø32x315mm	10

## F420

Curva fusa per doppio sifone  
Elbow for siphon pipe  
with double nut



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F420CR001	Ø26xØ26mm	10
F420CR002	Ø32xØ32mm	10

## F25

Manicotto per tubo sifone  
Socket for siphon pipe



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F25CR001	Ø26xØ26mm	10
F25CR002	Ø32xØ32mm	10

## F23

Prolunga per tubo sifone MF 4 cm  
MF 4 cm extension for siphon pipe



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F23CR001	Ø26X1"F	10
F23CR002	Ø32X1"1/4F	10

## F425

Cannotto telescopico  
con OR in gomma  
*Adjustable brass tube with rubber OR*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F425CR001	Ø26xregolaz.40mm	10
F425CR002	Ø30xregolaz.40mm	10
F425CR003	Ø32xregolaz.40mm	10

## F426

Giunzione ridotta  
con 2 OR in gomma  
*Reduced brass junction with  
2 rubber OR*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F426CR001	Ø26x32mm	10
F426CR002	Ø32x40mm	10

## F427

Giunzione con 2 OR in gomma  
*Brass junction with 2 rubber OR*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F427CR001	Ø26x26mm	10
F427CR002	Ø30x30mm	10
F427CR003	Ø32x32mm	10
F427CR004	Ø40x40mm	10

## F428

Manicotto ridotto a saldare con OR  
*Reduced socket with OR*



### GIALLO - yellow

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F428R001	Ø26x32mm	10
F428R002	Ø32x40mm	10
F428R003	Ø40x40mm	10
F428R004	Ø30x40mm	10

### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F428CR001	Ø26x32mm	10
F428CR002	Ø32x40mm	10
F428CR003	Ø40x40mm	10
F428CR004	Ø30x40mm	10



## F105

Cannotto scarico lavatrice  
*Drain tube for washing machine*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F105CR001	Ø26-250cm	10
F105CR002	Ø30-250cm	10
F105CR003	Ø32-250cm	10
F105CR004	Ø40-250cm	10

## F108

Attacco flessibile per lavatrici in ABS  
*ABS flexible attach for washing machine*



### ABS - ABS

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F108CR001	1"	10

## F55

Tubo a L per passo rapido basso  
estensibili  
*Adjustable "L"  
brass tube for  
short tap*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F55CR001	3/4" Ø25mm	1
F55CR002	1" Ø30mm	1

## F56

Tubo a L per passo rapido alto  
estensibili  
*Adjustable "L"  
brass tube for  
long tap*



### CROMATO - chrome-plated

Codice Code	Misura Size	Pezzi /Conf. Pieces/Box
F56CR001	3/4" Ø25mm	1
F56CR002	1" Ø30mm	1



## RACCORDERIA IN OTTONE

### SCHEDA INFORMATIVA

#### MATERIALI UTILIZZATI PER LA REALIZZAZIONE DEL PRODOTTO

<b>Materia prima utilizzata</b> (a seconda delle misure degli articoli)	<b>LEGA 39Pb3</b> Barra in ottone trafilata in verghe - Lega Europea <b>CW 614 N</b> norma <b>UNI EN 12164</b>
	<b>LEGA EURO</b> Barra in ottone estrusa in verghe - Lega Europea <b>CW 617 N</b> norma <b>UNI EN 12165</b>
<b>O.Ring</b>	<ul style="list-style-type: none"><li>Mescola <b>01/H70 NBR</b> è idonea e certificata per impiego con gas, ad una temperatura di utilizzo, in continuo, da -20°C a +100°C. Non è compatibile con il vapore acqueo.</li><li>Mescola <b>01/B70 NBR</b> è idonea e certificata per impiego sia con gas che con acqua potabile, ad una temperatura di utilizzo, in continuo, da -20°C a +100°C. Non è compatibile con vapore acqueo.</li><li>Mescola <b>01/M70 HNBR</b> è idonea e certificata per impiego con gas, ad una temperatura di utilizzo, in continuo, da -40°C a +150°C.</li></ul>
<b>Guarnizioni</b>	Fibra <b>FASIT</b> <i>esente da Amianto</i> per uso acqua, temperatura <b>max 180°C</b>

#### PROCESSO DI LAVORAZIONE

<b>Da Barra Trafilata</b>	<ul style="list-style-type: none"><li>Filettatura su torni automatizzati</li></ul>
<b>Da Barra Estrusa</b>	<ul style="list-style-type: none"><li>Stampaggio a caldo con riscaldamento della bilette di barra, ad una temperatura di circa 720°C</li><li>Rimozione della sbavatura</li><li>Sabbatura del pezzo</li><li>Filettatura, (utilizzando macchine transfer o torni automatizzati).</li></ul>
<b>Pulitura e Cromatura</b>	<ul style="list-style-type: none"><li>Smerigliatura</li><li>Burattatura</li><li>Cromatura (utilizzando NICKEL o CROMO) Lo spessore di circa 10 micron varia a seconda dell'articolo.</li></ul>

#### PROVE DURANTE LA LAVORAZIONE

- Misurazione con le relative attrezzature, delle altezze, diametri e spessori dei vari articoli
- Misurazione a tampone delle vari filettature
- Prove di pressione dei raccordi: min 10Bar max 25 Bar.

*I raccordi hanno il compito di unire due o più tubi tra di loro, o di chiudere tubi anche di diametri differenti. In corrispondenza dei raccordi, si hanno delle perdite di carico, che devono essere considerate durante la progettazione.*

#### CONFORMITÀ DEL PRODOTTO

Gli articoli sono conformi al D.M. 22.01.2008 – nr. 37

## Dichiarazione conformità dei prodotti

In qualità di produttore e di distributore di raccordi filettati in ottone giallo e cromato, idonei alla realizzazione di impianti idrotermosanitari, specifica che le filettature sono conformi alle norme europee.

La materia prima utilizzata è conforme alla norma UNI EN 12165 e nello specifico CW617 N-M con contenuto di piombo massimo ammesso del 2,2%

PRESO ATTO

del D.M. n° 37/2008 "**Norme per la sicurezza degli impianti**"

DICHIARA

che i prodotti sono costruiti a regola d'arte e prodotti in ITALIA nel pieno rispetto delle norme igieniche, sanitarie e ambientali.

PATTARONI FABRIZIO

La scelta della raccorderia e la corretta installazione sono responsabilità dell'installatore.

## BRASS FITTINGS

### TECHNICAL INFORMATIONS

#### MATERIALS USED TO PRODUCE ITEMS

<b>Raw material</b> (It depends on Items' sizes)	<b>39Pb3 LEAGUE</b> Drawn brass bar - European League <b>CW 614 N</b> according to law <b>UNI EN 12164</b>
	<b>EURO LEAGUE</b> Extruded brass bar – European League <b>CW 617 N</b> according to law <b>UNI EN 12165</b>
<b>O.Ring</b>	<ul style="list-style-type: none"> <li>Mix <b>01/U70 NBR</b> is suitable and certified for gas using, temperature from -20°C to +100°C. Not suitable for water vapour.</li> <li>Mix <b>01/B70 NBR</b> is suitable and certified for gas using and potable water, temperature from -20°C to +100°C. Not suitable for water vapour.</li> <li>Mix <b>01/M70 HNBR</b> is suitable and certified for gas using, temperature from -40°C to +150°C.</li> </ul>
<b>Gaskets</b>	<b>FASIT</b> fibre <i>Asbestos-Free</i> for water use, <b>max</b> temperature <b>180°C</b>

#### MANUFACTURINGS PROCESS

<b>Drawn Brass Bar</b>	<ul style="list-style-type: none"> <li>Threads will be turned on automatic lathes</li> </ul>
<b>Extruded Brass Bar</b>	<ul style="list-style-type: none"> <li>Pressing and stamping brass bar, heating the brass rod to temperature 720°C</li> <li>Remove the burring</li> <li>Sandblasting the Item</li> <li>Threading the item, (using trasfer machine or automatic lathes).</li> </ul>
<b>Cleaning and chrome plating</b>	<ul style="list-style-type: none"> <li>Polishing</li> <li>Tumbling</li> <li>Chrome plating (using NICKEL or Chrome) The thickness is about 10 micron, and it depends on kind of Item.</li> </ul>

#### PROCESSINGS' TESTS

- Measuring of height, diameters and thickness, using specific mechanical equipment
- Measuring of threads
- Pression Tests of Fittings: min 10Bar max 25 Bar.

*Fittings are used to connect two or more pipes each others, or to close pipes with different diameters.  
In correspondence to fittings, there is load-less, that it will be considered during the project-phase.*

#### CONFORMITY OF PRODUCTS

Items are conformed to the law: D.M. 22.01.2008 – nr. 37.





Raccorderia per l'idraulica  
Brass fittings

## **Declaration of conformity of products**

As manufacturer and distributor of yellow and chrome-plated Brass Fittings, it declares that all our Items are suitable for any plumbing installation, and it specifies that the threads are in accordance with European standards.

The raw material complies the EN 12165 and in particular CW617 NM, and it is conformed to the European standards.

Products are perfectly done and they are produced in ITALY, fully complying with the hygiene, health and environmental norms.

PATTARONI FABRIZIO

The choice of fittings and its correct use, are responsibility of hydrothermal systems installer.

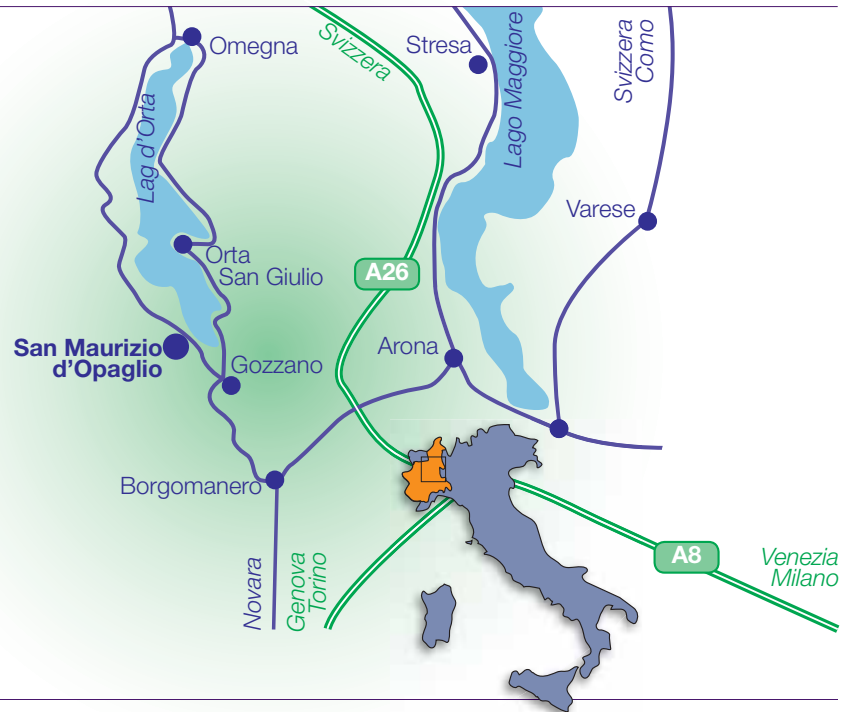


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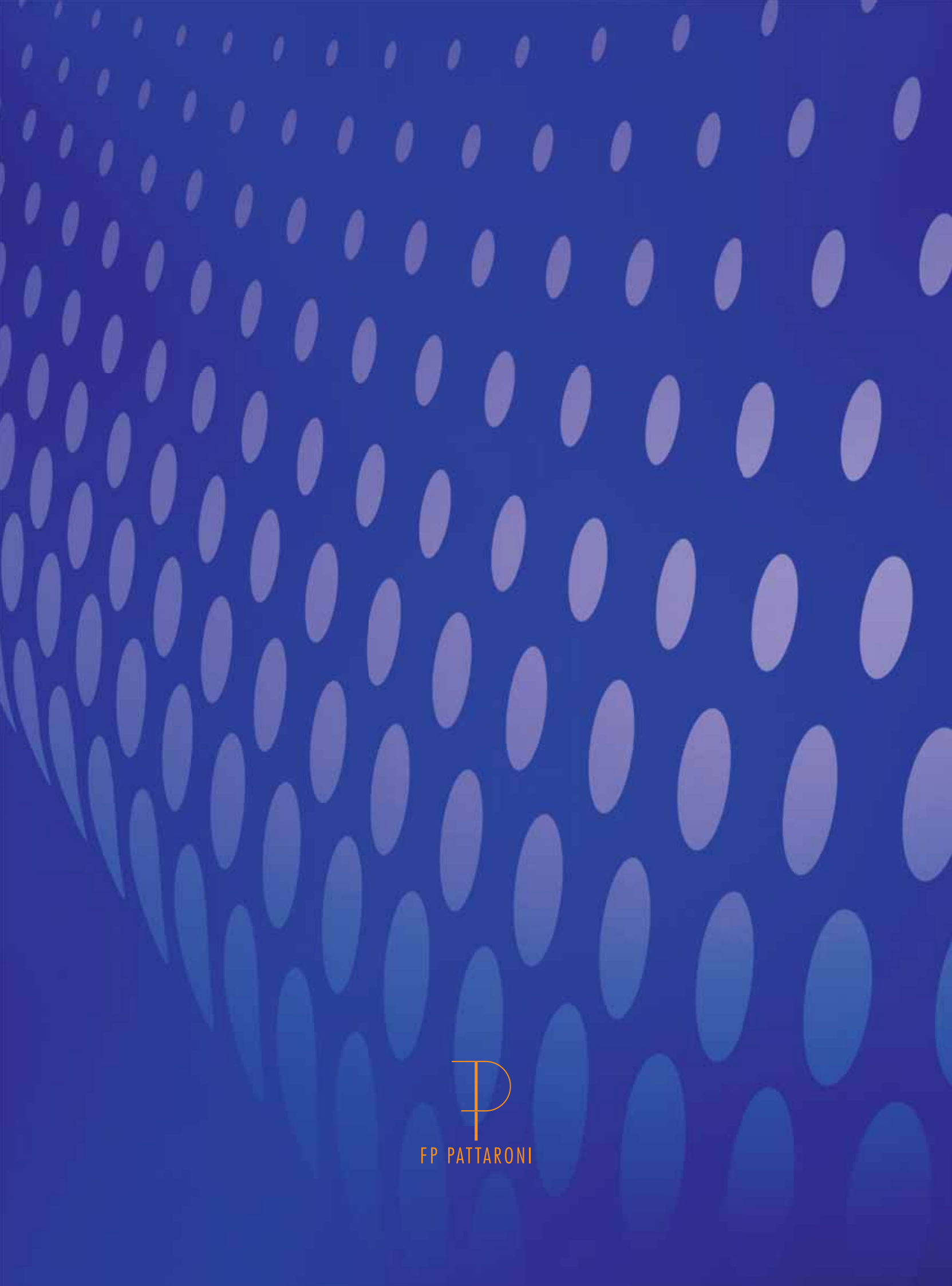
[www.fppattaroni.it](http://www.fppattaroni.it)



Progetto grafico:  
Julita - Atelier di comunicazione visiva  
[www.julita.it](http://www.julita.it)

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FP PATTARONI