



10



Isolatiematerialen



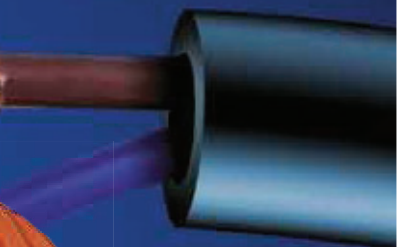
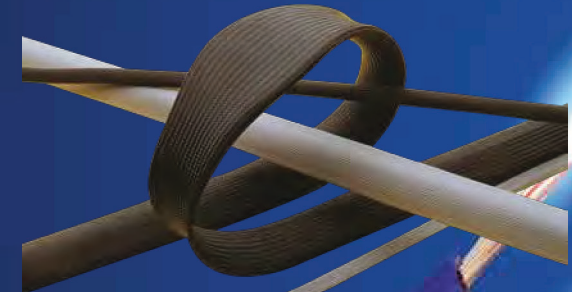
Insulating materials







Isolations Materialien



Matériau d'isolation



-  Krimpous met lijmlaag - doos
-  Heat shrink sleeving with adhesive inner layer - box
-  Schrumpfschlauch mit Klebe innenbeschichtung - Karton
-  Gaine thermoréactable à paroi mince avec colle - boîte

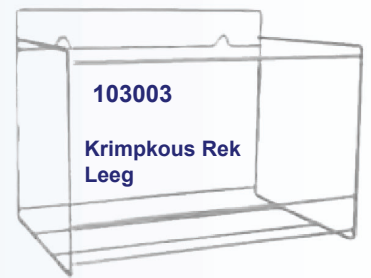
Ratio 3 : 1
 ⚡ -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1







IP.017 ● 10 mtr IP.138 ● 8 mtr IP.018 ● 6 mtr IP.139 ● 6 mtr 103225 ● 5 mtr IP.019 ● 5 mtr 103232 ● 2.5 mtr
 Ø 3.2 mm → Ø 1.0 mm Ø 4.8 mm → Ø 1.6 mm Ø 6.4 mm → Ø 2.2 mm Ø 7.9 mm → Ø 2.7 mm Ø 9.0 mm → Ø 3.0 mm Ø 9.5 mm → Ø 3.2 mm Ø 12 mm → Ø 4 mm

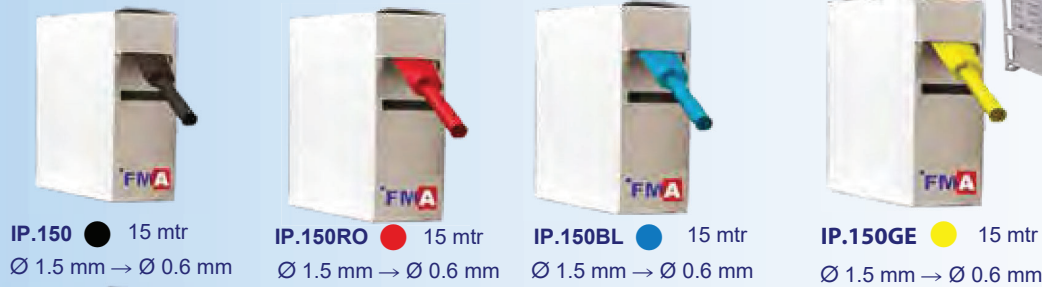


IP.020 ● 4 mtr IP.140 ● 3 mtr 103195 ● 2 mtr IP.021 ● 2.5 mtr 103196 ● 2 mtr
 Ø 12.7 mm → Ø 4.6 mm Ø 15.0 mm → Ø 5.2 mm Ø 18 mm → Ø 6 mm Ø 19.1 mm → Ø 6.3 mm Ø 24 mm → Ø 8 mm



-  Krimpous - doos
-  Heat shrink sleeving - box
-  Schrumpfschlauch - Karton
-  Gaine thermoréactable à paroi mince - boîte

Ratio 2 : 1
 ⚡ -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1



IP.150 ● 15 mtr IP.150RO ● 15 mtr IP.150BL ● 15 mtr IP.150GE ● 15 mtr
 Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm



IP.150GR ● 15 mtr IP.150TR ○ 15 mtr IP.150WI ● 15 mtr IP.150BR ● 15 mtr IP.150GRY ● 15 mtr
 Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm Ø 1.5 mm → Ø 0.6 mm





Ratio 2 - 1 Ø 2.0 mm → Ø 0.8 mm



IP.008 ● 17 mtr IP.008BL ● 17 mtr IP.008RO ● 17 mtr IP.008GE ● 17 mtr IP.008GG ● 17 mtr
 Ø 2.0 mm → Ø 0.8 mm Ø 2.0 mm → Ø 0.8 mm Ø 2.8 mm → Ø 0.8 mm Ø 2.0 mm → Ø 0.8 mm Ø 2.0 mm → Ø 0.8 mm

IP.008GR ● 17 mtr IP.008TR ○ 17 mtr IP.008WI ● 17 mtr
 Ø 2.0 mm → Ø 0.8 mm Ø 2.0 mm → Ø 0.8 mm Ø 2.0 mm → Ø 0.8 mm

10-01

-  Krimpkaus - doos
-  Heat shrink sleeving - box
-  Schrumpfschlauch - Karton
-  Gaine thermoréactible à paroi mince - boîte

Ratio 2 : 1
 -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1

Ratio 2 - 1 Ø 2.5 mm → Ø 1.0 mm



IP.009 ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009BL ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009RO ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009GE ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009GG ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009GR ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009TR ○ 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009WI ○ 15 mtr
 Ø 2.5 mm → Ø 1.0 mm



IP.009OR ● 15 mtr
 Ø 2.5 mm → Ø 1.0 mm

Ratio 2 - 1 Ø 3.5 mm → Ø 1.5 mm



IP.010 ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010BL ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010RO ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010GE ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010GG ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010GR ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010TR ○ 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010WI ○ 15 mtr
 Ø 3.5 mm → Ø 1.5 mm



IP.010OR ● 15 mtr
 Ø 3.5 mm → Ø 1.5 mm

Ratio 2 - 1 : Ø 4.8 mm → Ø 2.25 mm



IP.011 ● 12 mtr
 Ø 4.8 mm → Ø 2.25 mm



IP.011BL ● 12 mtr
 Ø 4.8 mm → Ø 2.25 mm



IP.011RO ● 12 mtr
 Ø 4.8 mm → Ø 2.25 mm



IP.011GE ● 12 mtr
 Ø 4.8 mm → Ø 2.25 mm



IP.011GG ● 12 mtr
 Ø 4.8 mm → Ø 2.25 mm



● **IP.011GR**
 12 mtr

Ø 4.8 mm → Ø 2.25 mm



○ **IP.011TR**
 12 mtr

Ø 4.8 mm → Ø 2.25 mm







○ **IP.011WI**
 12 mtr

Ø 4.8 mm → Ø 2.25 mm



● **IP.011OR**
 12 mtr

Ø 4.8 mm → Ø 2.25 mm

-  Krimpkins - doos
-  Heat shrink sleeving - box
-  Schrumpfschlauch - Karton
-  Gaine thermoréactible à paroi mince - boîte

Ratio 2 : 1

⊖ -55°C / +125°C

Contraction temp: 70°C

mat. Polyolefin - CE - UL 224 VW-1

Ratio 2 - 1 : Ø 6.5 mm → Ø 3.0 mm



IP.012 ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012BL ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012RO ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012GE ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012GG ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012GR ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012TR ○ 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012WI ○ 12 mtr
Ø 6.5 mm → Ø 3.0 mm



IP.012OR ● 12 mtr
Ø 6.5 mm → Ø 3.0 mm

Ratio 2 - 1 : Ø 9.5 mm → Ø 4.5 mm



IP.013 ● 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013BL ● 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013RO ● 8 mtr
Ø 9.5 mm → Ø 3.0 mm



IP.013GE ● 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013GG ● 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013GR ● 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013TR ○ 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013WI ○ 8 mtr
Ø 9.5 mm → Ø 4.5 mm



IP.013OR ● 8 mtr
Ø 9.5 mm → Ø 4.5 mm

Ratio 2 - 1 : Ø 13.5 mm → Ø 6.5 mm



IP.014 ● 8 mtr
Ø 13.5 mm → Ø 6.5 mm



IP.014BL ● 8 mtr
Ø 13.5 mm → Ø 6.5 mm



IP.014RO ● 8 mtr
Ø 13.5 mm → Ø 6.5 mm



IP.014GE ● 8 mtr
Ø 13.5 mm → Ø 6.5 mm



IP.014GG ● 8 mtr
Ø 13.5 mm → Ø 6.5 mm



IP.014GR ● 8 mtr

Ø 13.5 mm → Ø 6.5 mm



IP.014TR ○ 8 mtr

Ø 13.5 mm → Ø 6.5 mm







IP.014WI ○ 8 mtr

Ø 13.5 mm → Ø 6.5 mm



IP.014OR ● 8 mtr

Ø 13.5 mm → Ø 6.5 mm

-  Krimpous - doos
-  Heat shrink sleeving - box
-  Schrumpfschlauch - Karton
-  Gaine thermoréactable à paroi mince - boîte

Ratio 2 : 1
 -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1

Ratio 2 - 1 : Ø 16.5 mm → Ø 8.0 mm



IP.040 ● 6 mtr

Ø 16.5 mm → Ø 8.0 mm



IP.040BL ● 6 mtr

Ø 16.5 mm → Ø 8.0 mm



IP.040RO ● 6 mtr

Ø 16.5 mm → Ø 8.0 mm



IP.040GE ● 6 mtr

Ø 16.5 mm → Ø 8.0 mm



IP.040GG ● 6 mtr

Ø 16.5 mm → Ø 8.0 mm



IP.040GR ●
 Ø 16.5 mm → Ø 8.0 mm
 6 mtr



IP.040TR ○
 Ø 16.5 mm → Ø 8.0 mm
 6 mtr



IP.040WI ○
 Ø 16.5 mm → Ø 8.0 mm
 6 mtr

Ratio 2 - 1 : Ø 20.7 mm → Ø 10.0 mm



IP.015 ● 5 mtr

Ø 20.7 mm → Ø 10.0 mm



IP.015BL ● 5 mtr

Ø 20.7 mm → Ø 10.0 mm



IP.015RO ● 5 mtr

Ø 20.7 mm → Ø 10.0 mm



IP.015OR ● 5 mtr

Ø 20.7 mm → Ø 10.0 mm

Ratio 2 - 1 : Ø 25.7 mm → Ø 12.5 mm



IP.016 ● 3 mtr

Ø 25.7 mm → Ø 12.5 mm



IP.016BL ● 3 mtr

Ø 25.7 mm → Ø 12.5 mm







IP.016RO ● 3 mtr

Ø 25.7 mm → Ø 12.5 mm



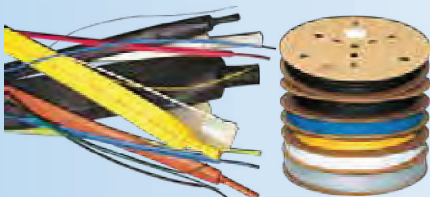
IP.016OR ● 3 mtr

Ø 25.7 mm → Ø 12.5 mm

-  Krimpous - haspel
-  Heat shrink sleeving - reel
-  Schrumpfschlauch - Spule
-  Gaine thermoréactable à paroi mince - bobine

Ratio 2 : 1
 -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1

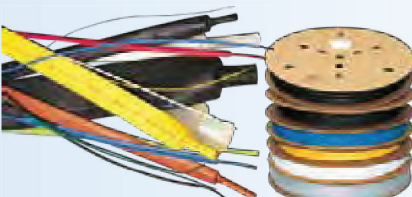
Ratio 2 - 1 : Ø 1.5 mm → Ø 0.6 mm



IP.024 ●	IP.024GR ●
IP.024RO ●	IP.024TR ○
IP.024BL ●	IP.024WI ○
IP.024GE ●	IP.024BR ●
IP.024GG ●	IP.024GRY ●

vpe 200 mtr

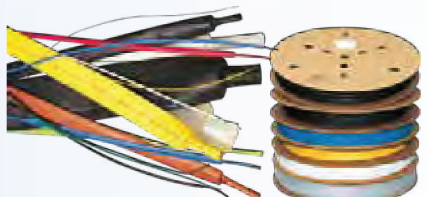
Ratio 2 - 1 : Ø 2.0 mm → Ø 0.8 mm



IP.025 ●	IP.025GR ●
IP.025RO ●	IP.025TR ○
IP.025BL ●	IP.025WI ○
IP.025GE ●	IP.025BR ●
IP.025GG ●	IP.025GRY ●

vpe 200 mtr

Ratio 2 - 1 : Ø 2.5 mm → Ø 1.0 mm



IP.026 ●	IP.026GR ●
IP.026RO ●	IP.026TR ○
IP.026BL ●	IP.026WI ○
IP.026GE ●	IP.026BR ●
IP.026GG ●	IP.026GRY ●

vpe 200 mtr



Krimpkaus - haspel

Heat shrink sleeving - reel

Schumpfschlauch - Spule

Gaine thermoréactible à paroi mince - bobine

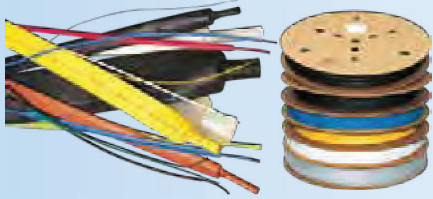
Ratio 2 : 1

-55°C / +125°C

Contraction temp: 70°C

mat. Polyolefin - CE - UL 224 VW-1

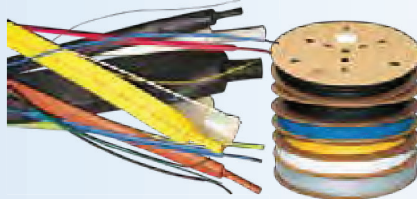
Ratio 2 - 1 Ø 3.5 mm - Ø 1.5 mm



IP.027	●	IP.027GR	●
IP.027RO	●	IP.027TR	○
IP.027BL	●	IP.027WI	○
IP.027GE	●	IP.027BR	●
IP.027GG	●	IP.027GRY	●

vpe 200 mtr

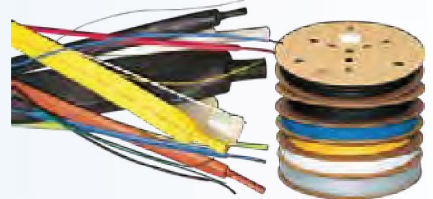
Ratio 2 - 1 : Ø 4.8 mm - Ø 2.25 mm



IP.028	●	IP.028GR	●
IP.028RO	●	IP.028TR	○
IP.028BL	●	IP.028WI	○
IP.028GE	●	IP.028BR	●
IP.028GG	●	IP.028GRY	●

vpe 100 mtr

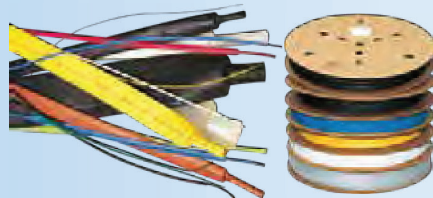
Ratio 2 - 1 : Ø 6.5 mm - Ø 3.0 mm



IP.029	●	IP.029GR	●
IP.029RO	●	IP.029TR	○
IP.029BL	●	IP.029WI	○
IP.029GE	●	IP.029BR	●
IP.029GG	●	IP.029GRY	●

vpe 100 mtr

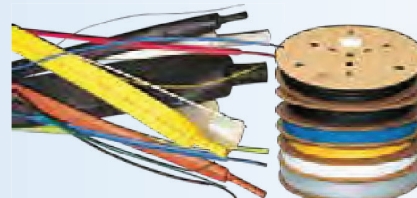
Ratio 2 - 1 : Ø 9.5 mm - Ø 4.5 mm



IP.030	●	IP.030GR	●
IP.030RO	●	IP.030TR	○
IP.030BL	●	IP.030WI	○
IP.030GE	●	IP.030BR	●
IP.030GG	●	IP.030GRY	●

vpe 200 mtr

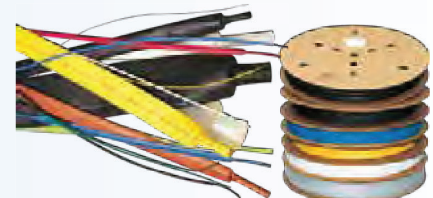
Ratio 2 - 1 : Ø 13.0 mm - Ø 6.5 mm



IP.031	●	IP.031GR	●
IP.031RO	●	IP.031TR	○
IP.031BL	●	IP.031WI	○
IP.031GE	●	IP.031BR	●
IP.031GG	●	IP.031GRY	●

vpe 100 mtr

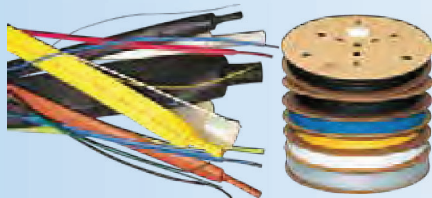
Ratio 2 - 1 : Ø 20.7 mm - Ø 10.0 mm



IP.033	●	IP.033GR	●
IP.033RO	●	IP.033TR	○
IP.033BL	●	IP.033WI	○
IP.033GE	●	IP.033BR	●
IP.033GG	●	IP.033GRY	●

vpe 100 mtr

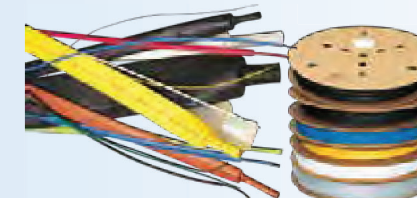
Ratio 2 - 1 : Ø 25.0 mm - Ø 12.5 mm



IP.034	●	IP.034TR	○
IP.034RO	●	IP.034WI	○
IP.034BL	●	IP.034BR	●
IP.034GE	●	IP.034GRY	●
IP.034GR	●		

vpe 50 mtr

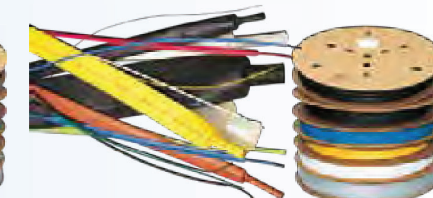
Ratio 2 - 1 : Ø 35.0 mm - Ø 17.5 mm



IP.035	●	IP.035TR	○
IP.035RO	●	IP.035WI	○
IP.035BL	●	IP.035BR	●
IP.035GE	●	IP.035GRY	●
IP.035GR	●		

vpe 25 mtr

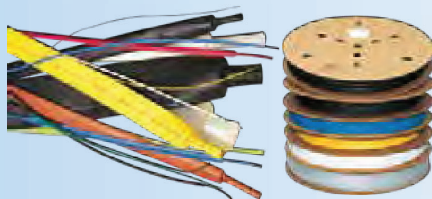
Ratio 2 - 1 : Ø 40.0 mm - Ø 20.0 mm



IP.036	●	IP.036TR	○
IP.036RO	●	IP.036WI	○
IP.036BL	●	IP.036BR	●
IP.036GE	●	IP.036GRY	●
IP.036GR	●		

vpe 25 mtr

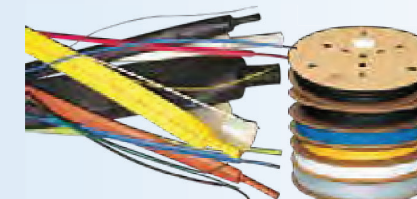
Ratio 2 - 1 : Ø 50.0 mm - Ø 26.0 mm



IP.037	●	IP.037TR	○
IP.037RO	●	IP.037WI	○
IP.037BL	●	IP.037BR	●
IP.037GE	●	IP.037GRY	●
IP.037GR	●		

vpe 25 mtr

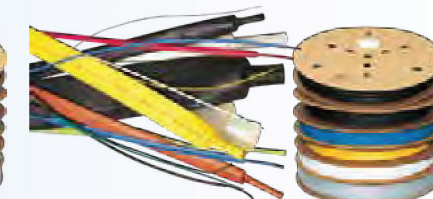
Ratio 2 - 1 : Ø 80.0 mm - Ø 40.0 mm



IP.038	●	IP.038TR	○
IP.038RO	●	IP.038WI	○
IP.038BL	●	IP.038BR	●
IP.038GE	●	IP.038GRY	●
IP.038GR	●		





vpe 20 mtr 10-05

Ratio 2 - 1 : Ø 100.0 mm - Ø 50.0 mm



IP.039	●	IP.039TR	○
IP.039RO	●	IP.039WI	○
IP.039BL	●	IP.039BR	●
IP.039GE	●	IP.039GRY	●
IP.039GR	●		

vpe 20 mtr

-  **Krimpous display**
-  **Heat shrink sleeving**
-  **Schrumpfschlauch**
-  **Gaine thermoréactable à paroi mince**





Ratio 2 : 1
 -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1

2 : 1 - inhoud / contents / Inhalt / contenu

Code	Ø	Ø	L	vpe	
IP.025ZW1	●	2.0 mm	- 0.8 mm	-1 mtr	10
IP.026ZW1	●	2.5 mm	- 1.0 mm	-1 mtr	10
IP.027ZW1	●	3.5 mm	- 1.5 mm	-1 mtr	10
IP.028ZW1	●	4.8 mm	- 2.3 mm	-1 mtr	10
IP.029ZW1	●	6.5 mm	- 3.0 mm	-1 mtr	10
IP.030ZW1	●	9.5 mm	- 4.5 mm	-1 mtr	5
IP.031ZW1	●	13.5 mm	- 6.5 mm	-1 mtr	5
IP.032ZW1	●	20.0 mm	- 10.0 mm	-1 mtr	3
IP.033ZW1	●	25.0 mm	- 12.5 mm	-1 mtr	3

vpe AS.221 DISPLAY 675 mtr



-  **Krimpous - Assortimenten**
-  **Heat shrink sleeving - Kits**
-  **Schrumpfschlauch - Sortimente**
-  **Gaine thermoréactable à paroi mince - Assortiments**



3 : 1 - inhoud / contents / Inhalt / contenu





Code	Ø	Ø	L	vpe	
IP.162	●	3.0 mm	→ 1.0 mm	- L 40 mm	15 pcs.
IP.163	●	6.0 mm	→ 2.0 mm	- L 40 mm	12 pcs.
IP.164	●	19.0 mm	→ 6.0 mm	- L 40 mm	10 pcs.
IP.165	●	3.0 mm	→ 1.0 mm	- L 40 mm	15 pcs.
IP.166	●	6.0 mm	→ 2.0 mm	- L 40 mm	12 pcs.
IP.167	●	19.0 mm	→ 6.0 mm	- L 40 mm	10 pcs.
IP.168	●	3.0 mm	→ 1.0 mm	- L 40 mm	15 pcs.
IP.169	●	6.0 mm	→ 2.0 mm	- L 40 mm	12 pcs.
IP.170	●	19.0 mm	→ 6.0 mm	- L 40 mm	10 pcs.
IP.171	●	3.0 mm	→ 1.0 mm	- L 40 mm	15 pcs.
IP.172	●	6.0 mm	→ 2.0 mm	- L 40 mm	12 pcs.
IP.173	●	19.0 mm	→ 6.0 mm	- L 40 mm	10 pcs.
IP.174	○	3.0 mm	→ 1.0 mm	- L 40 mm	15 pcs.
IP.175	○	6.0 mm	→ 2.0 mm	- L 40 mm	12 pcs.
IP.176	○	19.0 mm	→ 6.0 mm	- L 40 mm	10 pcs.
IP.177	●	3.0 mm	→ 1.0 mm	- L 40 mm	15 pcs.
IP.178	●	6.0 mm	→ 2.0 mm	- L 40 mm	9 pcs.
IP.179	●	19.0 mm	→ 6.0 mm	- L 40 mm	3 pcs.

Ratio 2 : 1 inhoud / contents / Inhalt / contenu

Code	Ø	Ø	L	vpe	
IP.153	●	1.2 mm	- 0.6 mm	- L 40 mm	40 pcs
IP.154	●	2.5 mm	- 1.0 mm	- L 40 mm	40 pcs
IP.155	●	3.5 mm	- 1.5 mm	- L 40 mm	40 pcs
IP.156	●	4.8 mm	- 2.3 mm	- L 40 mm	40 pcs
IP.157	●	6.5 mm	- 3.0 mm	- L 40 mm	40 pcs
IP.158	●	9.5 mm	- 4.5 mm	- L 40 mm	20 pcs
IP.159	●	13.0 mm	- 6.5 mm	- L 40 mm	20 pcs
IP.160	●	20.0 mm	- 10.0 mm	- L 40 mm	20 pcs
IP.161	●	25.0 mm	- 12.5 mm	- L 40 mm	6 pcs



TO.077 Fohn 2000 Watt
 Temperatuurbereik +50 - +600°C
 LCD-Display
 Traploze temperatuurregeling
 inclusief 4 toebehoren

-  **Krimpous - dikwandig**
-  **Heat shrink sleeving - thick wall**
-  **Schrumpfschlauch - Starkwändig**
-  **Gaine thermoréactable à paroi mince plus épaisse**

Ratio 3 : 1
 -55°C / +125°C
 Contraction temp: 70°C
 mat. Polyolefin - CE - UL 224 VW-1



111542-000
 Ø 10.0 mm - Ø 3.3 mm
 - 152 mm.







6-1199100-4
 Ø 19.0 mm - Ø 6.5 mm
 - 305 mm.



603111-1
 Ø 27.9 mm - Ø 9.5 mm
 - 305 mm.



603112-1
 Ø 37.1 mm - Ø 12.4 mm
 - 305 mm.

-  Brandstof / Ruitensproeier slang
 -  Fuel / Screenwasher tubing
 -  Kraftstoff / Scheibenwischer Schlauch
 -  Tuyeau de carburant
- PVC
- 🌡️ 78°C (+/-0.2)



IP.141 ○

Ø 2.0 mm - Ø 4.0 mm
5 mtr



IP.142 ○

Ø 3.0 mm - Ø 5.0 mm
5 mtr



IP.143 ○

Ø 4.0 mm - Ø 7.0 mm
5 mtr



IP.144 ○

Ø 5.0 mm - Ø 8.0 mm
5 mtr



IP.145 ○

Ø 6.0 mm - Ø 8.0 mm
5 mtr



IP.146 ○

Ø 7.0 mm - Ø 10.0 mm
5 mtr



IP.147 ○

Ø 8.0 mm - Ø 12.0 mm
5 mtr



IP.148 ○

Ø 10.0 mm - Ø 14.0 mm
5 mtr







IP.149 ○

Ø 12.0 mm - Ø 16.0 mm
5 mtr







- IP.141-50 ○ Ø 2.0 mm - Ø 4.0 mm 50 mtr
- IP.142-50 ○ Ø 3.0 mm - Ø 5.0 mm 50 mtr
- IP.143-50 ○ Ø 4.0 mm - Ø 7.0 mm 50 mtr
- IP.144-50 ○ Ø 5.0 mm - Ø 8.0 mm 50 mtr
- IP.145-50 ○ Ø 6.0 mm - Ø 8.0 mm 50 mtr
- IP.146-50 ○ Ø 7.0 mm - Ø 10.0 mm 50 mtr
- IP.147-50 ○ Ø 8.0 mm - Ø 12.0 mm 50 mtr
- IP.148-50 ○ Ø 10.0 mm - Ø 14.0 mm 50 mtr
- IP.149-50 ○ Ø 12.0 mm - Ø 16.0 mm 50 mtr

-  Isolatiekous - zwart
-  Insulating sleeving - black
-  Isolierschlauch - schwarz
-  Gaine de protection - noir

DIN 40621
🌡️ -40°C / +90°C
mat. PVC

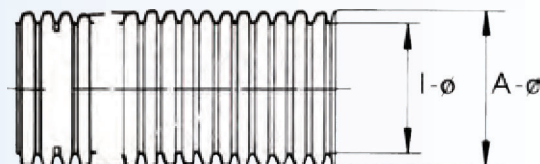
		Diam. Ø	vpe
IP.001	●	Ø 4 mm	50 mtr.
IP.002	●	Ø 5 mm	50 mtr.
IP.003	●	Ø 6 mm	50 mtr.
IP.004	●	Ø 8 mm	50 mtr.
IP.005	●	Ø 10 mm	50 mtr.
IP.006	●	Ø 12 mm	50 mtr.
IP.007	●	Ø 16 mm	50 mtr.








-  **Spiraalbuis - gesloten - zelfdovend polyamide 6.6**
-  **Non split corrugated conduit - self extinguishing polyamide 6.6**
-  **Wellrohr - geschlossen - selbstverlöschend Polyamid 6.6**
-  **Gaine de protection / annelée - non fendue - autoextinguible polyamide 6.6**

ADR/GGVS -Harnessflex
 NFR13/903 - FMVSS 302 - EN50086
 -30°C / +120°C

	kleur	diam. in Ø	diam. out	vpe
IP.104	●	NC06: Ø 4.5 mm	- Ø 7.1 mm	50 mtr.
IP.105	●	NC08: Ø 6.5 mm	- Ø 10.0 mm	50 mtr.
IP.106	●	NC10: Ø 8.4 mm	- Ø 11.5 mm	50 mtr.
IP.107	●	NC12: Ø 9.9 mm	- Ø 13.0 mm	50 mtr.
IP.108	●	NC16: Ø 12.7 mm	- Ø 16.1 mm	50 mtr.
IP.109	●	NC18: Ø 14.2 mm	- Ø 18.5 mm	50 mtr.
IP.110	●	NC20: Ø 16.6 mm	- Ø 21.2 mm	50 mtr.
IP.111	●	NC25: Ø 21.3 mm	- Ø 25.6 mm	50 mtr.
IP.151	●	NC28: Ø 28.8 mm	- Ø 24.5 mm	50 mtr.
IP.112	●	NC32: Ø 35.2 mm	- Ø 42.5 mm	25 mtr.
IP.113	●	NC40: Ø 46.5 mm	- Ø 64.5 mm	25 mtr.
IP.114	●	NC50: Ø 54.2 mm	- Ø 78.5 mm	25 mtr.
IP.116	●	NC65: Ø 63.8 mm	- Ø 88.5 mm	25 mtr.
IP.117	●	NC90: Ø 88.8 mm	- Ø 98.5 mm	25 mtr.

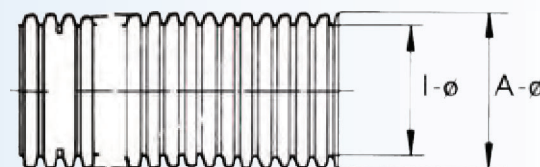


-  **Spiraalbuis - deelbaar - zelfdovend polyamide 6**
-  **Divisible corrugated conduit - self extinguishing polyamide 6 Wellrohr -**
-  **Teilbar - selbstverlöschend Polyamid 6**
-  **Gaine de protection / divisible - non fendue - autoextinguible polyamide 6**





Co-flex
 UL 94 V2 - UV bestending
 -40°C / +150°C



**Met MARTER
 bescherming**







Artikel-Nr.	Wanddikte mm	Nominaal mm	Buiten-Ø mm	Binnen-Ø mm	Buigradius mm	VE
PPDC6	0,1	6	10	6,3	30	Meter 50
PPDC10	0,15	10	13,5	8,8	55	Meter 50
PPDC14	0,2	14	18,7	13,2	75	Meter 50
PPDC20	0,3	20	25,7	20,2	105	Meter 50
PPDC23	0,3	23	31,3	23,9	125	Meter 50
PPDC37	0,3	37	43,2	32,5	170	Meter 25

-  Spiraalbuis - gesloten - zelfdovend polyamide 6.6
-  Non split corrugated conduit - self extinguishing polyamide 6.6
-  Wellrohr - geschlossen - selbstverlöschend Polyamid 6.6
-  Gaine de protection / annelée - non fendue - autoextinguible polyamide 6.6

EVs -Harnessflex
 NFR13/903 - FMVSS 302 - EN50086
 -30°C / +120°C

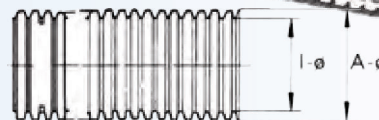
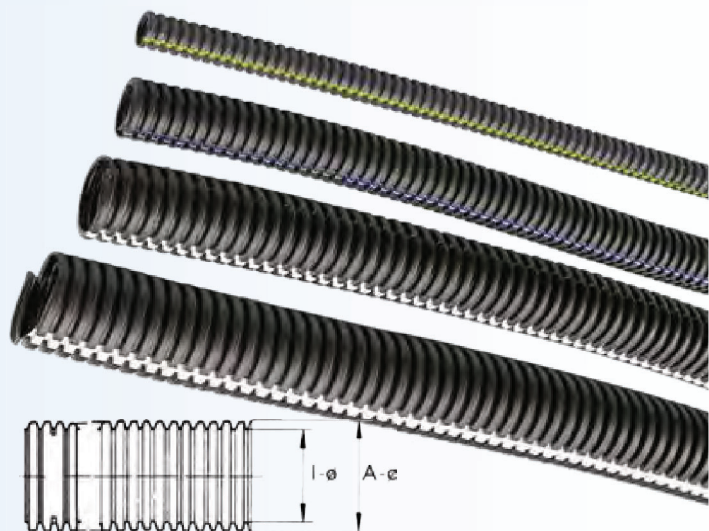






IP.107BL kleur ●	IP.107OR kleur ●	IP.108OR kleur ●	IP.110OR kleur ●	IP.111OR kleur ●
NC12: diam. in Ø 9.9 mm diam. out Ø 13.0 mm	NC12: diam. in Ø 9.9 mm diam. out Ø 13.0 mm	NC16: diam. in Ø 12.7 mm diam. out Ø 16.1 mm	NC20: diam. in Ø 16.6 mm - diam. out Ø 21.2 mm	NC25: diam. in Ø 21.3 mm diam. out Ø 25.6 mm
vpe 100 mtr.	vpe 50 mtr.	vpe 50 mtr.	vpe 50 mtr.	vpe 50 mtr.

-  Spiraalbuis - open - zelfdovend polypropyleen
-  Split corrugated conduit - self extinguishing polypropylene
-  Wellrohr - offen/geschlitzt - selbstverlöschend Polyäthylen
-  Gaine de protection / annelée - fendue - autoextinguible polypropylène

UV resistant - Delfingen
 ISO 527 - ISO 1183 - FMVSS 302
 -30°C / +105°C
 PPAE

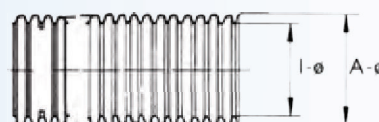
	diam. in Ø	diam. out	vpe
IP.091 ●	Ø 4.5 mm	Ø 7.2 mm	100 mtr.
IP.092 ●	Ø 6.0 mm	Ø 9.5 mm	100 mtr.
IP.093 ●	Ø 9.0 mm	Ø 13.3 mm	100 mtr.
IP.094 ●	Ø 11.0 mm	Ø 16.4 mm	100 mtr.
IP.095 ●	Ø 13.0 mm	Ø 18.4 mm	100 mtr.
IP.096 ●	Ø 16.0 mm	Ø 21.2 mm	50 mtr.
IP.097 ●	Ø 19.0 mm	Ø 24.0 mm	50 mtr.
IP.098 ●	Ø 23.0 mm	Ø 28.6 mm	25 mtr.
IP.099 ●	Ø 26.0 mm	Ø 31.7 mm	25 mtr.
IP.102 ●	Ø 29.0 mm	Ø 35.9 mm	25 mtr.
IP.103 ●	Ø 32.0 mm	Ø 39.4 mm	25 mtr.







-  Spiraalbuis - gesloten - zelfdovend polypropyleen
-  Non split corrugated conduit - self extinguishing polypropylene
-  Wellrohr - geschlossen - selbstverlöschend Polyäthylen
-  Gaine de protection / annelée - non fendue - autoextinguible polypropylène

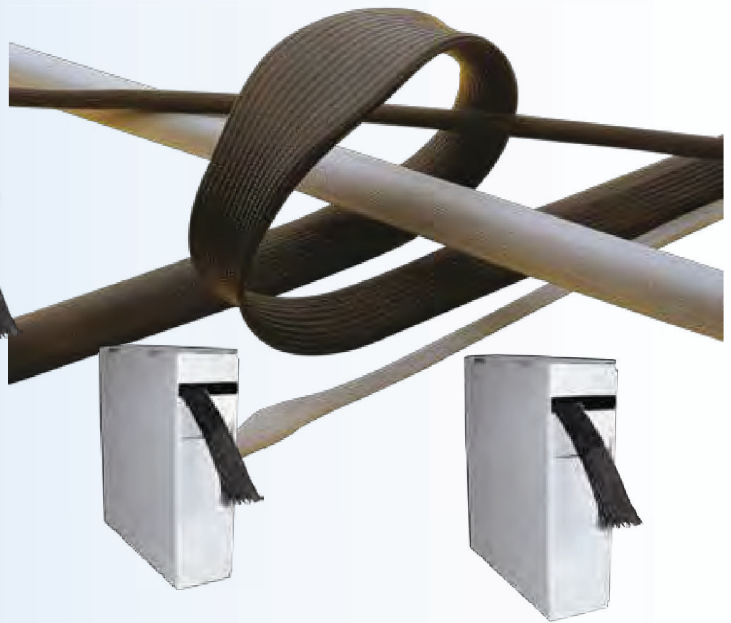
UV resistant - Delfingen
 ISO 527 - ISO 1183 - FMVSS 302
 -30°C / +105°C
 PPAE

kleur	diam. in Ø	diam. out	vpe
IP.080 ●	Ø 4.5 mm	Ø 7.2 mm	100 mtr.
IP.081 ●	Ø 6.0 mm	Ø 9.5 mm	100 mtr.
IP.082 ●	Ø 9.0 mm	Ø 13.3 mm	100 mtr.
IP.083 ●	Ø 11.0 mm	Ø 16.4 mm	100 mtr.
IP.084 ●	Ø 13.0 mm	Ø 18.4 mm	100 mtr.
IP.085 ●	Ø 16.0 mm	Ø 21.2 mm	50 mtr.
IP.086 ●	Ø 19.0 mm	Ø 24.0 mm	50 mtr.
IP.087 ●	Ø 23.0 mm	Ø 28.6 mm	25 mtr.
IP.088 ●	Ø 26.0 mm	Ø 31.7 mm	25 mtr.
IP.089 ●	Ø 29.0 mm	Ø 35.9 mm	25 mtr.
IP.090 ●	Ø 32.0 mm	Ø 39.4 mm	25 mtr.







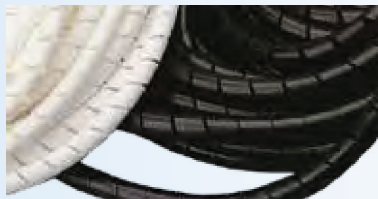
-  **Isolatiekous / gevlochten**
-  **Isolation sleeving / braided**
-  **Isolierschlauch / geflochten**
-  **Gain de protection / tressée**

Thermo Polyester
 -50°C / +150°C
 Periflex







kleur	Ratio Ø ± 1 : 2	vpe
IP.071	● Ø 3.0 mm - Ø 5.0 mm	20 mtr.
IP.072	● Ø 5.0 mm - Ø 8.5 mm	20 mtr.
IP.073	● Ø 6.0 mm - Ø 10.0 mm	20 mtr.
IP.074	● Ø 10.0 mm - Ø 17.0 mm	15 mtr.
IP.075	● Ø 15.0 mm - Ø 25.0 mm	10 mtr.
IP.076	● Ø 20.0 mm - Ø 34.0 mm	10 mtr.
IP.077	● Ø 25.0 mm - Ø 42.0 mm	8 mtr.
IP.078	● Ø 40.0 mm - Ø 50.0 mm	5 mtr.
IP.079	● Ø 50.0 mm - Ø 65.0 mm	4 mtr.
IP.073100	● Ø 6.0 mm - Ø 10.0 mm	100 mtr.
IP.074100	● Ø 10.0 mm - Ø 17.0 mm	100 mtr.
IP.07550	● Ø 15.0 mm - Ø 25.0 mm	50 mtr.

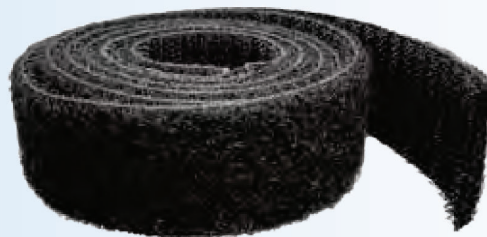
-  **Spirap spiraalbundelslang** mat. PE/PP
-  **Slit wrap cable binding** -60°C / +85°C
-  **Spiralschlauch**
-  **Frette élastique spiralee**



Ratio Ø ±	vpe	Ratio Ø ±	vpe		
IP.124 ○	Ø 2.5- 4.0 - Ø 15.0 mm	50 mtr.	IP.125 ●	Ø 2.5- 4.0 - Ø 15.0 mm	50 mtr.
IP.126 ○	Ø 4.0- 6.0 - Ø 35.0 mm	50 mtr.	IP.127 ●	Ø 4.0- 6.0 - Ø 35.0 mm	50 mtr.
IP.128 ○	Ø 6.0- 8.0 - Ø 50.0 mm	50 mtr.	IP.129 ●	Ø 6.0- 8.0 - Ø 50.0 mm	50 mtr.
IP.130 ○	Ø 9.0-11.0 - Ø 60.0 mm	50 mtr.	IP.131 ●	Ø 9.0-11.0 - Ø 60.0 mm	50 mtr.
IP.132 ○	Ø 12.0-15.0 - Ø 70.0 mm	25 mtr.	IP.133 ●	Ø 12.0-15.0 - Ø 70.0 mm	25 mtr.
IP.134 ○	Ø 16.0-20.0 - Ø 80.0 mm	25 mtr.	IP.135 ●	Ø 16.0-20.0 - Ø 80.0 mm	25 mtr.
IP.136 ○	Ø 20.0-24.0 - Ø 100.0 mm	25 mtr.	IP.137 ●	Ø 20.0-24.0 - Ø 100.0 mm	25 mtr.

-  **Klittenband - Back to Back**
-  **Velcro - Back to Back**
-  **Klettverschluss - Rücken an Rücken**
-  **Velcro - dos à dos**

IP.308	Back to Back - 12 mm	● vpe 50 mtr.
IP.309	Back to Back - 20 mm	● vpe 25 mtr.
IP.310	Back to Back - 25 mm	● vpe 25 mtr.



-  **Klittenband - zelf klevend**
-  **Hook and loop band - selfadhasive Haken**
-  **und Schlingen Band - selbstklebend**
-  **Velcro - auto-adhésif**

NYLON / PA - life cycle 1000x
 adhesion strength 2.6kgs/cm²
 -18°C / +104°C

Type	vpe	Type	vpe		
IP.254 ●	Hook - 10 mm	5 mtr.	IP.264 ○	Hook - 10 mm	5 mtr.
IP.255 ●	Loop - 10 mm	5 mtr.	IP.265 ○	Loop - 10 mm	5 mtr.
IP.256 ●	Hook - 16 mm	5 mtr.	IP.266 ○	Hook - 16 mm	5 mtr.
IP.257 ●	Loop - 16 mm	5 mtr.	IP.267 ○	Loop - 16 mm	5 mtr.
IP.258 ●	Hook - 20 mm	5 mtr.	IP.268 ○	Hook - 20 mm	5 mtr.
IP.259 ●	Loop - 20 mm	5 mtr.	IP.269 ○	Loop - 20 mm	5 mtr.
IP.260 ●	Hook - 25 mm	5 mtr.	IP.270 ○	Hook - 25 mm	5 mtr.
IP.261 ●	Loop - 25 mm	5 mtr.	IP.271 ○	Loop - 25 mm	5 mtr.
IP.262 ●	Hook - 100 mm	5 mtr.	IP.272 ○	Hook - 100 mm	5 mtr.
IP.263 ●	Loop - 100 mm	5 mtr.	IP.273 ○	Loop - 100 mm	5 mtr.

