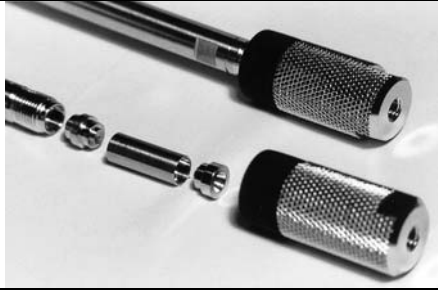



## Precolumn cartridges - the P/N system

	
P/N's 424262, 424266, 424267	P/N'S 424271, 424272

The P/N's for precolumns consist of a 6-digit **collective number** and a 3- to 5-digit **end number** (separated by "-"). The collective number describes the dimensions for the cartridge (e.g.: **558405** for a 5x4 mm precolumn cartridge), the end number determines the packing material (e.g.: **-1170** for Multospher 120 RP18-HP-3 $\mu$ ). The end number is taken from the last 3-5 digits of the analytical column (length 125 mm) of the respective packing material. For each packing material you will find a notice how many digits are to be added to the collective number. This way, the P/N for a precolumn cartridge 5x4 mm Multospher 120 RP18-HP-3 $\mu$  becomes **558405-1170**.

Further examples:

e.g.:

**Precolumn cartridge 20x4mm** - collective number: **558401-xxx**

Packing material: **Multospher 100 RP 18-5**, three end digits for the column 125x4mm = **-375**, resulting in the complete P/N of a cartridge 20x4mm, packed with **Multospher 100 RP 18-5** = P/N: **558401-375**

e.g.:

**Precolumn cartridge 20x2mm** – collective number: **558201-xxx**

Packing material: **ProntoSIL 120-5-C18 ace-EPS**, five end digits for the column 125x4mm = **-05F29**, resulting in the complete P/N of a cartridge 20x2mm, packed with **ProntoSIL 120-5-C18 ace-EPS** = P/N: **558201-05F29**

An extension of the P/N is not necessary if you state the exact name of the packing material for the precolumn cartridge; we then complete the P/N.

**For the pricing we have classified the packing materials in the following price groups:**

Price Group I	Price Group II	Price Group III	Price Group IV
CS-ODS	MultoWorb		MultoFluor Select
MultoKrom		Kromasil	MultoHigh U
MultoHigh <b>Exceptions:</b> MultoHigh Chiral refer to page 148 MultoHigh-U (Gr. IV)	ProntoSIL <b>Exception:</b> ProntoSIL ace-EPS (Gr. III)	LiChrosorb LiChrospher  Multohyp	NUCLEOSIL  Superspher
Multospher <b>Exception:</b> Multospher Cation refer to page 135	Carbohydrate Resin Organic Acid Resin	ProntoSIL ace-EPS	

## Precolumn Cartridges

Length x ID (mm) → →	10 x 2		20 x 2		10 x 3		20 x 3	
P/N → →	558205 - XXX	5585206 - XXX	558201 - XXX	5585202 - XXX	558305 - XXX	5585306 - XXX	558301 - XXX	5585302 - XXX
Packing Material	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.
<b>Price Group I</b>	27.15	128.95	28.15	133.70	25.00	118.75	29.30	139.20
<b>Price Group II</b>	27.60	131.10	28.60	135.85	27.15	129.00	31.40	149.15
<b>Price Group III</b>	28.15	133.70	30.40	144.40	29.30	139.20	40.10	190.50
<b>Price Group IV</b>	39.10	185.75	42.20	200.45	41.20	195.70	44.50	211.40

Length x ID (mm) → →	5 x 4		10 x 4		20 x 4	
P/N → →	558403 - XXX	5585404 - XXX	558405 - XXX	5585406 - XXX	558401 - XXX	5585402 - XXX
Packing Material	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.
<b>Price Group I</b>	23.35	110.90	27.15	129.00	38.35	182.15
<b>Price Group II</b>	26.10	124.00	30.40	144.40	42.25	200.65
<b>Price Group III</b>	28.30	134.40	35.80	170.05	52.05	247.25
<b>Price Group IV</b>	39.10	185.75	48.75	231.60	60.10	285.50

## Precolumns without Test Chromatogram

Length x ID (mm) → →	40 x 2		40 x 3		17 x 4	
	New	Refill	New	Refill	New	Refill
P/N → →	<b>554201 - XXX</b>	534201 - XXX	<b>554301 - XXX</b>	534301 - XXX	<b>517401 - XXX</b>	514401 - XXX
Packing Material	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.
<b>Price Group I</b>	<b>105.00</b>	80.00	<b>91.00</b>	66.00	<b>84.00</b>	59.00
<b>Price Group II</b>	<b>113.00</b>	88.00	<b>100.00</b>	75.00	<b>91.00</b>	66.00
<b>Price Group III</b>	<b>122.00</b>	97.00	<b>110.00</b>	85.00	<b>98.00</b>	74.00
<b>Price Group IV</b>	<b>143.00</b>	118.00	<b>165.00</b>	140.00	<b>143.00</b>	118.00

Length x ID (mm) → →	40 x 4		17 x 4,6		40 x 4,6	
	New	Refill	New	Refill	New	Refill
P/N → →	<b>554001 - XXX</b>	534001 - XXX	<b>517001 - XXX</b>	514001 - XXX	<b>555001 - XXX</b>	535001 - XXX
Packing Material	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.	€/pc.	€/5 pcs.
<b>Price Group I</b>	<b>96.00</b>	71.00	<b>85.00</b>	60.00	<b>104.00</b>	79.00
<b>Price Group II</b>	<b>110.00</b>	85.00	<b>100.00</b>	75.00	<b>121.50</b>	96.50
<b>Price Group III</b>	<b>124.00</b>	99.00	<b>115.00</b>	90.00	<b>139.00</b>	114.00
<b>Price Group IV</b>	<b>192.00</b>	167.00	<b>165.00</b>	140.00	<b>215.00</b>	190.00

## Short Columns (also for LC-MS) with Test Chromatogram

Length x ID (mm) → →	60 x 2		60 x 3		60 x 4		60 x 4,6	
	New	Refill	New	Refill	New	Refill	New	Refill
P/N → →	<b>556201 - XXX</b>	536201 - XXX	<b>556301 - XXX</b>	536301 - XXX	<b>556001 - XXX</b>	536001 - XXX	<b>557001 - XXX</b>	537001 - XXX
Packing Material	€/pc.	€/pc.	€/pc.	€/pc.	€/pc.	€/pc.	€/pc.	€/pc.
<b>Price Group I</b>	<b>147.00</b>	122.00	<b>147.00</b>	122.00	<b>133.50</b>	108.50	<b>146.00</b>	119.00
<b>Price Group II</b>	<b>159.00</b>	134.00	<b>159.00</b>	134.00	<b>154.00</b>	129.00	<b>174.00</b>	149.00
<b>Price Group III</b>	<b>199.00</b>	174.00	<b>176.00</b>	151.00	<b>181.00</b>	156.00	<b>206.50</b>	181.50
<b>Price Group IV</b>	<b>245.00</b>	220.00	<b>245.00</b>	220.00	<b>245.00</b>	220.00	<b>265.00</b>	240.00

