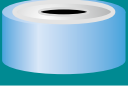
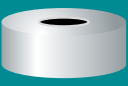


Ready assembled crimp closures, plain crimp caps and single septa N 20

REF	Cap description	Septum description	Hardness	Thick- ness	Pack of
 Center hole caps					
702773	 N 20 aluminium crimp cap, silver, center hole	Butyl red / PTFE gray	50° shore A	3 mm	100 / PE bag
702775	 N 20 aluminium crimp cap, silver, center hole	Butyl light gray / PTFE dark gray	50° shore A	3 mm	100 / PE bag
70234.9	 N 20 aluminium crimp cap, silver, center hole	Molded septum Butyl / PTFE gray	50° shore A	3 mm	100 / PE bag
70234	 N 20 aluminium crimp cap, silver, center hole	Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
702056	 N 20 aluminium crimp cap, gold , center hole	 Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
70237	 N 20 aluminium crimp cap, silver, center hole	Butyl stopper, gray, un-assembled (separate parts)	37° shore A		100 each / PE bags
702093	 N 20 aluminium crimp cap, silver, center hole	Silicone blue transparent / PTFE colorless	40° shore A	3 mm	100 / PE bag
702094	 N 20 aluminium crimp cap, silver, center hole	Silicone white / PTFE beige	40° shore A	3 mm	100 / PE bag
702145	 N 20 aluminium crimp cap, silver, center hole	Silicone white / FEP-/Aluminium foil silver	45° shore A	3 mm	100 / PE bag
702804	 N 20 aluminium crimp cap, silver, center hole (no liner)	-	-	-	100 / PE bag
702112	 N 20 aluminium crimp cap, gold, center hole (no liner)	-	-	-	100 / PE bag
 Pressure release caps					
702836	 N 20 aluminium pressure release cap, silver, center hole	Butyl red / PTFE gray	50° shore A	3 mm	100 / PE bag
702829	 N 20 aluminium pressure release cap, silver, center hole	Butyl light gray / PTFE dark gray	50° shore A	3 mm	100 / PE bag
70234.8	 N 20 aluminium pressure release cap, silver, center hole	Molded septum Butyl / PTFE gray	50° shore A	3 mm	100 / PE bag
702071	 N 20 aluminium pressure release cap, silver, center hole	Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
702927	 N 20 aluminium pressure release cap, silver, center hole	Silicone blue transparent / PTFE colorless	45° shore A	3 mm	100 / PE bag
702835	 N 20 aluminium pressure release cap, silver, center hole	Silicone white / PTFE beige	45° shore A	3 mm	100 / PE bag
702799	 N 20 aluminium pressure release cap, silver, center hole (no liner)	-	-	-	100 / PE bag
 Center tear off caps					
70233	 N 20 aluminium center tear off cap, gold	 Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
70236	 N 20 aluminium center tear off cap, silver	Butyl stopper, gray, un-assembled (separate parts)	37° shore A		100 each / PE bags
70236.1	 N 20 aluminium center tear off cap, silver (no liner)	-	-	-	100 / PE bag

* only centrically laminated with PTFE, typically called Pharma-Fix

Ready assembled crimp closures, plain crimp caps and single septa N 20

REF	Cap description	Septum description	Hardness	Thick- ness	Pack of
 Complete tear off caps					
70235	 N 20 aluminium complete tear off cap, silver	Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
70238	 N 20 aluminium complete tear off cap, silver	Butyl stopper, gray, un-assembled (separate parts)	37° shore A		100 each / PE bags
702805	 N 20 aluminium complete tear off cap, silver (no liner)	-	-	-	100 / PE bag
 Bi-metal crimp caps					
702838	 N 20 bi-metal crimp cap, blue/silver, center hole	Butyl light gray / PTFE dark gray	50° shore A	3 mm	100 / PE bag
702834	 N 20 bi-metal crimp cap, blue/silver, center hole	Silicone blue transparent / PTFE colorless	45° shore A	3 mm	100 / PE bag
702837	 N 20 bi-metal crimp cap, blue/silver, center hole	Silicone white / PTFE beige	45° shore A	3 mm	100 / PE bag
702833	 N 20 bi-metal crimp cap, blue/silver, center hole (no liner)	-	-	-	100 / PE bag
 Magnetic crimp caps					
702774	 N 20 magnetic crimp cap, silver, 8 mm center hole	Butyl red / PTFE gray	50° shore A	3 mm	100 / PE bag
702928	 N 20 magnetic crimp cap, silver, 8 mm center hole	Butyl light gray / PTFE dark gray	50° shore A	3 mm	100 / PE bag
702928.9	 N 20 magnetic crimp cap, silver, 8 mm center hole	Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
702929	 N 20 magnetic crimp cap, silver, 8 mm center hole	Silicone blue transparent / PTFE colorless	45° shore A	3 mm	100 / PE bag
702808	 N 20 magnetic crimp cap, silver, 8 mm center hole (no liner)	-	-	-	100 / PE bag
 Single septa					
70277	 - (septa only)	Butyl red / PTFE gray	50° shore A	3 mm	100 / PE bag
702057	 - (septa only)	Butyl light gray / PTFE dark gray	50° shore A	3 mm	100 / PE bag
702101	 - (septa only)	Molded septum Butyl / PTFE gray	50° shore A	3 mm	100 / PE bag
702D20TB	 - (septa only)	Butyl dark gray / PTFE gray *	50° shore A	3 mm	100 / PE bag
702780	 - (septa only)	Silicone blue transparent / PTFE colorless	45° shore A	3 mm	100 / PE bag
70278	 - (septa only)	Silicone white / PTFE beige	45° shore A	3 mm	100 / PE bag
70279	 - (septa only)	Silicone white / Aluminium foil silver	50° shore A	3 mm	100 / PE bag

* only centrically laminated with PTFE, typically called Pharma-Fix

Stoppers N 20

REF		Cap description	Description	Hardness	Thickness	Pack of
702931		– (stopper only)	N 20 stopper, Butyl gray	37° shore A	–	100 / PE bag
702931.1		– (stopper only)	N 20 stopper, Bromobutyl red	45° shore A	–	100 / PE bag

PE caps N 20 and suitable single septa N 19

REF		Cap description	Septum description	Hardness	Thickness	Pack of
70266	Height: 8.4 mm					
		N 20 PE cap, transparent, for beveled HS crimp neck N 20, 4.3 mm center hole	(no liner)	–	–	100 / PE bag
		cap as above	Butyl beige / PTFE gray unassembled (as separate parts)	55° shore A	1.3 mm	100 each / PE bags
702128		cap as above	Natural rubber red-orange / TEF colorless, ready assembled	45° shore A	1.3 mm	100 / PE bag
		cap as above				
70267	Height: 9.1 mm					
		N 20 PE cap, transparent, for flat DIN crimp neck N 20, 4.3 mm center hole	(no liner)	–	–	100 / PE bag
		cap as above	Butyl beige / PTFE gray unassembled (as separate parts)	55° shore A	1.3 mm	100 each / PE bags
702129		cap as above	Natural rubber red-orange / TEF colorless ready assembled	45° shore A	1.3 mm	100 / PE bag
		cap as above				
70269		– (septa only)	Butyl beige / PTFE gray	55° shore A	1.3 mm	100 / PE bag
702904		– (septa only)	Natural rubber red-orange / TEF colorless	45° shore A	1.3 mm	100 / PE bag
702144		– (septa only)	Silicone blue transparent / PTFE white	45° shore A	1.3 mm	100 / PE bag

Containers for screw neck vials N 18 and crimp neck vials N 20



REF	Description	Pack of
702516	25 position container blue for 10 mL + 20 mL screw neck vials N 18 and crimp neck vials N 20, 130 x 130 x 80 mm, with transparent lid (suitable for freezers)	1