



**HYDROXYPROPYL  
METHYLCELLULOSE**



## PHARCOCEL

### The Leading Choice of Hypromellose

PHARCOCEL (Hypromellose) is a cellulose ether (Hydroxypropylmethyl Cellulose). Pharcocel has been more widely used as an excipient for the Pharmaceutical, Nutraceutical, and Food Industries due to its efficient and stable functionalities, meeting various needs of customers. Expanding the scope of applications along with strengthening the quality of your existing products, Pharcocel will fit your diverse formulation needs.

## HYPROMELLOSE

Produced in Daman manufacturing facility with all document support Pharcocel (Hypromellose) is a cellulose ether (Hydroxypropylmethyl Cellulose) that comes in diverse viscosity range starting from 3 cps upto 200,000 cps. It can be widely used for tablet & pellet coating, granulation, binder, thickener, sustained release polymer, suspension stabilizer and for making Veg Capsules.

# GENERAL CHARACTERISTICS

CHEMICAL NAME : Cellulose, 2 - hydroxypropyl methyl ether

GENERIC NAME : Hypromellose, Hydroxypropylmethylcellulose

CAS NUMBER	9004-65-3
MOLECULAR WEIGHT	10,000 ~ 1,00,000
ANGLE OF REPOSE	35 ~ 44°
BULK DENSITY	0.30 ~ 0.52 g/ml
AUTO - IGNITION POINT	360°C
GELLING TEMPERATURE	40 ~ 90°C
MELTING POINT	90 - 230°C (Tg 170-180°C)
ADMISSION TO COMPENDIUM	IP / BP / USP / Ph.Eur

## PHARCOCEL (HYPRMELLOSE GRADES)

Viscosity (cps)	Grade	Trade Name	Substitution Type
3	HPMC 3 cps	Pharcocel E 3	2910
5	HPMC 5 cps	Pharcocel E 5	2910
6	HPMC 6 cps	Pharcocel E 6	2910
15	HPMC 15 cps	Pharcocel E 15	2910
50	HPMC 50 cps	Pharcocel E 50	2910
3	HPMC 3 cps	Pharcocel EW 3	2910
5	HPMC 5 cps	Pharcocel EW 5	2910
6	HPMC 6 cps	Pharcocel EW 6	2910
15	HPMC 15 cps	Pharcocel EW 15	2910
50	HPMC 50 cps	Pharcocel EW 50	2910
4000	HPMC 4000 cps - Premium Grade	Pharcocel KC 400 Premium	2208
15000	HPMC 15000 cps - Premium Grade	Pharcocel KC 1500 Premium	2208
100000	HPMC 100000 cps - Premium Grade	Pharcocel KC 100000 Premium	2208
200000	HPMC 200000 cps - Premium Grade	Pharcocel KC 200000 Premium	2208
100	HPMC 100 cps - CR Grade	Pharcocel KW100 CR	2208
4000	HPMC 4000 cps - CR Grade	Pharcocel KW4000 CR	2208
15000	HPMC 15000 cps - CR Grade	Pharcocel KW 15000 CR	2208
100000	HPMC 100000 cps - CR Grade	Pharcocel KW 100000 CR	2208
200000	HPMC 200000 cps - CR Grade	Pharcocel KW 200000 CR	2208
4000	HPMC 4000 cps	Pharcocel BW 4000	2208

## FUNCTIONAL CHARACTERISTICS

	EFFECT	USAGE	RECOMMENDABLE GRADE
<b>COATING AGENT</b>	Once dissolved in water and volatilized through solvent, Pharcocel makes transparent film with high tensile strength	Coating Solution 2-20%	E/EW Series (Low viscosity)
<b>TABLET BINDER</b>	Pharcocel enhances binding power	2 - 5%	E/EW Series (Low viscosity)
<b>SUSTAINED RELEASE AGENT</b>	Hydrophilic matrix used along with Pharcocel hydrates to create a gel layer, controlling drug release pattern	10 - 80%	KC Premium Series KW CR Series KC Premium LBD Series
<b>THICKENING AGENT</b>	The viscosity of Pharcocel exponentially increases in relation to the concentration	0.25 - 5.0%	All Grades
<b>VEG CAPSULE</b>	With Pharcocel you get the right clarity & strength for making Veg Capsules	> 90%	EW Series (Low viscosity)
<b>POP BANDAGES</b>	Pharcocel is suitable for POP Bandages line		E50, EW 50, BW 4000, KC 4000 premium, KW 4000CR



## CONTACT US

### **Pharcos Speciality Ltd.**

Survey No.168, Plot No.198 to 207,  
Dabhel Industrial Co-Op- Society Ltd,  
Village-Dabhel, Daman-396 210. ( U.T ), India

[is@pharcos.co.in](mailto:is@pharcos.co.in)  
[www.pharcos.co.in](http://www.pharcos.co.in)

[facebook.com/pharcos speciality](https://facebook.com/pharcos%20speciality)  
[linkedin.com/company/pharcos speciality](https://linkedin.com/company/pharcos%20speciality)



Scan for product page