

NORDEL™ EPDM

Product selection guide by application

DOW



Table 1: NORDEL™ EPDM products by application

Market segment	Application	Suggested NORDEL™ EPDM product(s) ^(1,2)
A Automotive weatherstripping	Sponge profiles	6555 OE, 6565 XFC
	Class-A visible profiles	4570, 4572 XFM, 4760P, 4770P, 4785HM, 5565, 6565 XFC
	Metal carriers	4570, 4572 XFM, 5565, 6565 XFC
	High hardness profiles	4725P, 4760P, 4770P, 4785HM, 4820P, 6530 XFC
	Corner moldings	4520, 4725P, 6530 XFC
	Processing improvers	4520, 4640, 4725P, 6530 XFC
B Automotive hoses & belts	Radiator hoses	3760P, 4570, 4572 XFM, 4760P, 4770P, 4785HM
	Brake hoses	4520, 4640
	Steam hoses	3760P, 4570, 4572 XFM, 4760P, 4770P, 4785HM
	Power transmission belts	3720P, 3745P, 3760P, 4640, 4725P
C Molded rubber goods	Brake cup diaphragms	4520, 4640
	Exhaust (muffler) hangers	4785HM
	Engine mounts	4785HM
	Grommets	4570, 4572 XFM, 4640, 4760P, 4785HM
	Mechanical molded goods	4570, 4572 XFM, 4640, 4760P, 4785HM
D Infrastructure	Peroxide-cured building profiles	3640, 4570, 4572 XFM, 4760P, 4770P, 4785HM
	Sulfur-cured building profiles	4570, 4572 XFM, 4760P, 4770P, 4785HM, 5565, 6565 XFC
	Roofing membranes (autoclave-cured)	3760P
	Roofing membranes (continued-cured)	4570, 4572 XFM, 4760P, 4770P, 4785HM, 6565 XFC
	Pipe seals	4640, 4570, 4572 XFM, 4785HM, 5565, 6565 XFC
	Bridge pads	3640, 4570, 4572 XFM, 4640, 5565, 6565 XFC
	Recreational and sports surfaces	4570, 4572 XFM, 4725P, 4760P, 4770P, 4785HM
	Insulation foams	6530 XFC
	Conveyor belts	3640, 3745P, 4640, 4725P, 6530 XFC
	Rubber roller covers	4520, 4640, 6530 XFC
	Wire and cable	3722P, 3745P, 3760P, 4725P, 4770P
E Consumer / Houseware	Appliance seals and gaskets	4760P, 4770P, 4785HM
	Appliance and garden hoses	4570, 4572 XFM, 4760P, 4770P, 4785HM
F Thermoplastic modification	Thermoplastic vulcanizate (TPV)	4760P, 4770P, 4785HM
G Oil and lubricants	Oil viscosity index improvers (OVI)	NDR 245
H Tires	Sidewalls	5565, 6530 XFC, 6565 XFC
	Inner tubes	3640
	Flaps	5565, 6530 XFC, 6565 XFC

Although the information and recommendations in this selection guide are presented in good faith and believed to be correct, Dow makes no representations or warranties as to the completeness or accuracy of the information.

⁽¹⁾ NORDEL™ EPDM are all members of a broad family of ethylene propylene diene terpolymers.

⁽²⁾ Suffix designations: XFC = extra fast cure; XFM = extra fast mixing; OE = oil extended; P or HM = pellet form.



Figure 1: Typical automotive applications

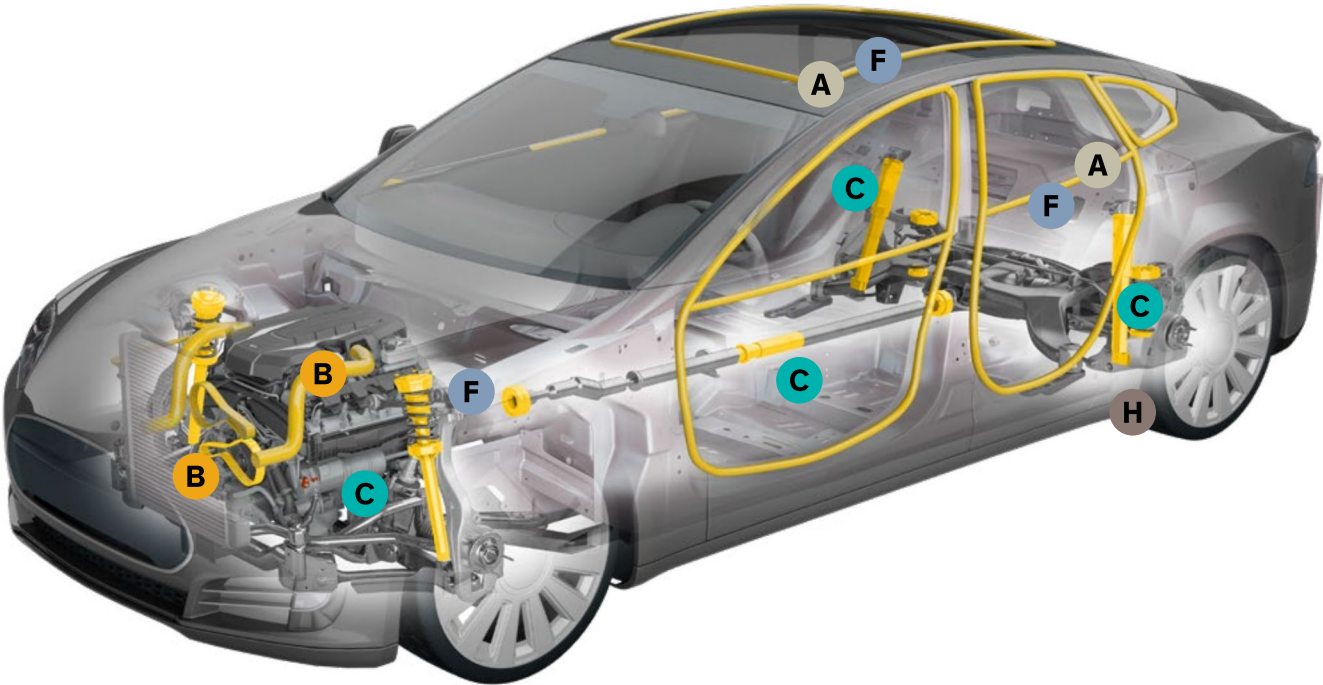


Figure 2: Other typical applications



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