

TP, Tegmer, Plastshall, Paraplex

Hallstar is a market leader in the design and synthesis of new ester chemistries, with numerous products and customized solutions for demanding performance in industrial and automotive applications.

Grade	Compatibility	Property	Application
TP 95	NBR, EPDM, Polyacrylic, PU, Epichlorohydrin	Improves static electrical resistance. Less lapping and friction, thus increasing product life.	Rubber rollers, spinning cots
		Good resistance to oil and fuel extraction. Low volatility.	Rubber hose, automotive parts, molded parts
TP 90B	NBR, HNBR, Butyl, Epichlorohydrin, NR, SBR	Good oil resistance. Provides wear resistance and flexibility to maintain and improve string properties. Offers excellent electrostatic resistance.	Industrial spinning cots and aprons
		Oil and fuel resistance. Provides low temperature flexibility. Improves weather resistance properties. Improves antistatic properties.	Hose and tubing, automotive and molded parts, wire and cables
TP 759	NBR, HNBR, Vamac, Polyacrylic	Provides low temperature flexibility characteristics. Good antistatic properties.	Automotive belts, automotive parts, moulded parts
		Provides excellent performance in high temperature applications. Offers weather and wear resistance.	Automotive hose, wire and cables
Tegmer 804S	NBR, HNBR, PU, Epichlorohydrin, Polyurethanes, Acrylic resins	Provides low temperature flexibility characteristics. Good antistatic properties. Good resistance to water extraction.	Automotive belts, automotive moulded parts. Adhesive and sealants.
		Provides excellent performance in high temperature applications. Offers weather and wear resistance. Excellent resistance to transmission and hydraulic fluids.	Automotive hose, wire and cables
Tegmer 812	NBR, HNBR, Vamac, Polyacrylic, Polyurethanes	Improves mechanical properties. Good low temperature flexibility.	Automotive belts, automotive molded parts
		Oil extraction resistance, fuel resistance. Low volatility and better performance in high temperature applications. Excellent compatibility with acrylic elastomers, Vamac <sup>®</sup> and HNBR.	Hoses, tubing, wire and cables
Plasthall 100	CSM, NR, CR	Offers good transmission fluid and water resistance. Gives good low temperature performance. Provides oil resistance.	Automotive and molded parts, boots, gaskets
		Offers weather and wear resistance. Offers flame resistance and improved low temperature properties.	Conveyor belts, hoses
Plasthall 209	NBR, Chloroprene, SBR	Provides maximum low temperature flexibility. Good antistatic property to reduce friction.	Fuel hoses, electrical jacketing
Plasthall 226	NBR, HNBR, Chloroprene, SBR	Excellent low temperature properties. Offers low volatility and excellent hydrocarbon resistance.	Adhesives and sealants, electrical insulation
		Antistatic properties; improves static electrical resistance. Better performance at any range of temperature.	Printing rolls and hoses, molded rubber parts
Plasthall 4141	NBR, HNBR, Polyacrylic, Chloroprene	Oil extraction resistance, fuel resistance, ease of processing during compounding.	Automotive parts and belts
		Offers low volatility with high efficiency. Offers good low temperature properties.	Fuel hose, water seals

8)

## Specialty Plasticizers



## TP, Tegmer, Plastshall, Paraplex

Grade	Compatibility	Property	Application
Plasthall P-670	NBR, Chloroprene, Polyacrylic, Fluoroelastomers (FKM)	Provides good permanence after exposure to humid conditions, soapy water and hexane. Improves finishing and appearances.	Automotive interiors, wall covering
		Good low temperature performance and permanence.	Electrical insulation, electrical tape.
Plasthall PR-LCOA	NBR, HNBR, Polyacrylic, Chloroprene	Provides excellent extraction resistance to many fluids.	Automotive products, hoses
		Provides resistance to wear and weather. Enables service at high and low temperatures.	Electrical tapes, wire and cable
Plasthall 7050	NBR, HNBR, Epichlorohydrin	Extremely good extraction resistance against oils and solvents. Increases the life of end product and improves processability.	Automotive products and belts
		Offers low volatility with high efficiency. Excellent low temperature properties. Offers good weather resistance.	Conveyor belts, molded products
Plasthall P-900	NBR, HNBR, Epichlorohydrin	Good oil resistance. Provides superior hydrophilic surface, better antistatic properties, tear resistance.	Automotive molded products and belts
		Eliminates the use of solvents. Prolongs the life of the print roll. Provides smooth and soft surface finish. Excellent water resistance.	Printing rolls, fuel hose
Paraplex G-50	NBR, Polyacrylic, Epichlorohydrin	Offers excellent pigment grinding medium, which makes compounding and processing easy.	Coated fabrics, electrical tapes
		Offers resistance to extraction by oils and hydrocarbons. Offers prolonged mechanical and physical properties at high as well as low temperatures.	Refrigerator gasket, window channels
Paraplex G-54	NBR, PVC, CR	Excellent resistance to migration in rubber-based adhesives. Provides volume resistivity and dielectric strength.	Automotive interiors, coated fabrics electrical tape, gaskets, high temperature applications, surgical tape, rubber belt
Paraplex G-60	NR, SBR, CR, PVC	Provides effective heat and light stabilization Good flexibility at low temperatures.	Flooring, food packaging, pigment dispersant, high-speed tyres to improve grip.
Paraplex G-62	NBR, Polyacrylic, Epichlorohydrin	Offers good permanence properties, effective stabilizing which gives smooth surface finish to end product.	Coated fabrics, flooring
		Offers excellent heat stability. Offers better stability during the construction of end product.	Food packaging, general purpose film
Paraplex A-8000	NBR, Polyacrylic, Epichlorohydrin	Offers good low-temperature performance. Offers resistance to heat, cold and harsh conditions for long term service.	Automotive sealant, automotive parts, moulded parts.
		Offer low-temperature flexibility. Offers better permanence, volatility and migration resistance.	Industrial hose and tubing, automotive belts, wire and cables.
Paraplex A-8210	NBR	Offers improved extraction resistance to solvent and water. Improved humidity resistance.	Coated fabrics
RX-13804	Butyl, Chloroprene, SBR, NR, Thermoplastic polymers	Excellent low temperature properties. Improves surface finish. Enables service over wide range of temperature.	Automotive molded parts Industrial hose and tubing.
Dioplex 904	NBR, PVC	Excellent extraction resistance with good low temperature performance, Excellent resistance to oil and grease.	Appliance gasket, electrical tape, refrigerator gasket, wire and cable, printing industry