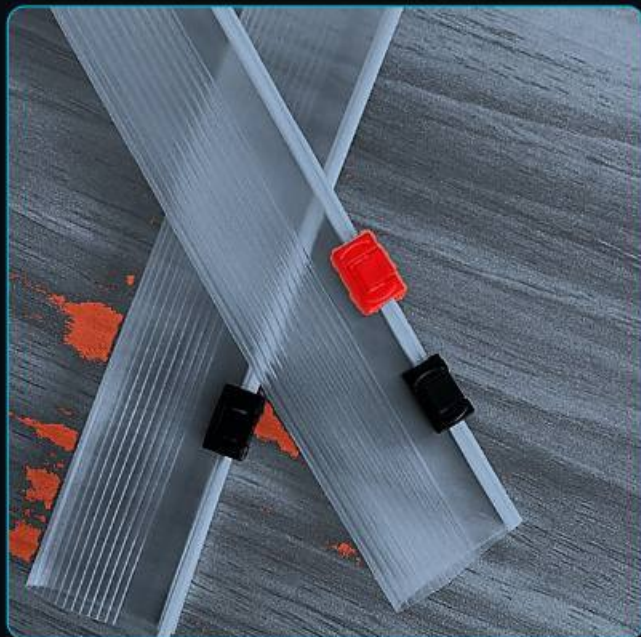




RESEALABLE PACKAGING ZIPPERS

Engineered Closure Solutions for Flexible Packaging

A versatile range of low-temperature PE, EPE and PP/PE zipper profiles designed for dependable sealing, controlled opening force and repeatable performance.



PROFILE RANGE | 0.3 MM - 35 MM



EPE 13 MM



PE 27 MM



PE 30 MM



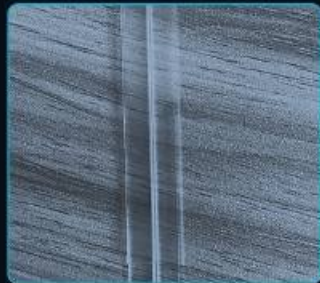
PE 12 MM

LOW-TEMPERATURE SEALING • MULTIPLE PROFILES • RELIABLE CLOSURE



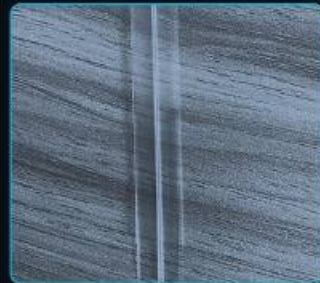
EPE ZIPPER **13 MM**

SEAL 95°C+ | WT ±5 g/m



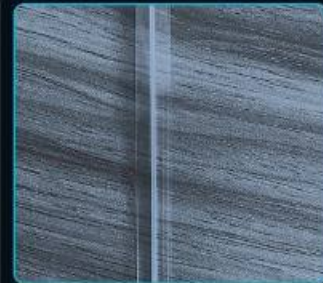
PPE ZIPPER **13 MM**

SEAL 115°C+ | WT ±4 g/m



PE ZIPPER **13 MM**

SEAL 85°C+ | WT ±4.8 g/m



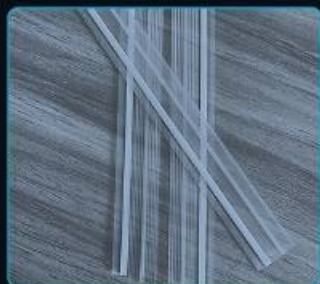
PE ZIPPER **10 MM**

SEAL 95°C+ | WT ±4 g/m



PE ZIPPER **35 MM**

SEAL 110°C+ | WT ±21 g/m



PE ZIPPER **21 MM**

SEAL 105°C+ | WT ±11 g/m



PE ZIPPER **16 MM**

SEAL 105°C+ | WT ±7 g/m



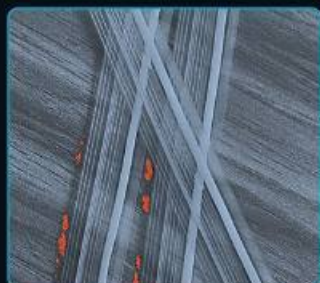
PE ZIPPER **27 MM**

SEAL 105°C+ | WT ±14 g/m



PE ZIPPER **17 MM**

SEAL 105°C+ | WT ±11 g/m



PE ZIPPER **21 MM**

SEAL 105°C+ | WT ±11 g/m



PE ZIPPER **30 MM**

SEAL 105°C+ | WT ±20 g/m



PE ZIPPER **17 MM**

SEAL 105°C+ | WT ±12 g/m



PE ZIPPER **20 MM**

SEAL 105°C+ | WT ±7 g/m



PE ZIPPER **12 MM**

SEAL 105°C+ | WT ±6 g/m



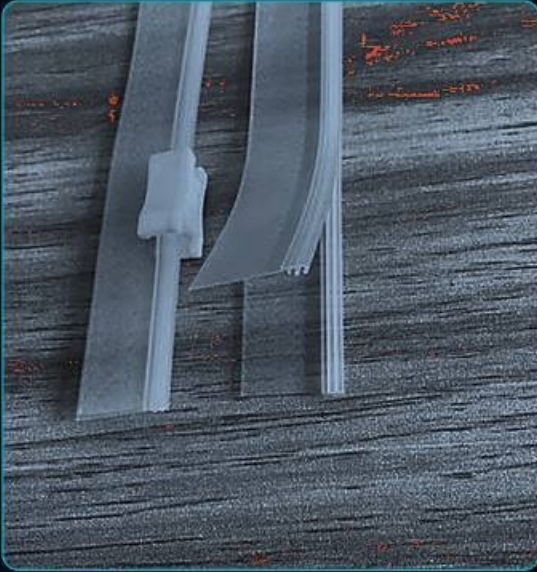
PE ZIPPER **23 MM**

SEAL 105°C+ | WT ±10 g/m



PE ZIPPER **0.3 MM**

SEAL 95°C+ | WT ±3 g/m



RESEALABLE CLOSURE SYSTEMS

A broad profile range supports different bag structures, sealing windows and consumer opening requirements.



LOW-TEMPERATURE SEALING

Reference sealing temperatures from 85°C+ to 115°C+.



CONTROLLED OPENING FORCE

Defined outer and inner opening-force ranges for product selection.



BROAD PROFILE RANGE

Profiles from 0.3 mm to 35 mm across multiple weights.



PE & PP/PE COMPATIBILITY

Options for PE flexible packaging and PP/PE film structures.

TYPICAL APPLICATIONS



Stand-up pouches



Food packaging



Home & personal care



Reusable storage bags

Profile selection should be confirmed against the target film structure, sealing process and required opening-force range.

EPE ZIPPER

13 MM



AVERAGE WEIGHT

±5 g/m

OUTER OPENING FORCE

±20 N

INNER OPENING FORCE

±60 N

SEALING TEMPERATURE

95°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PPE ZIPPER

13 MM



AVERAGE WEIGHT

±4 g/m

OUTER OPENING FORCE

±20 N

INNER OPENING FORCE

±60 N

SEALING TEMPERATURE

115°C+

SUITABLE FOR

PP/PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

13 MM



AVERAGE WEIGHT

±4.8 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±50 N

SEALING TEMPERATURE

85°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

10 MM



AVERAGE WEIGHT

±4 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±50 N

SEALING TEMPERATURE

95°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY

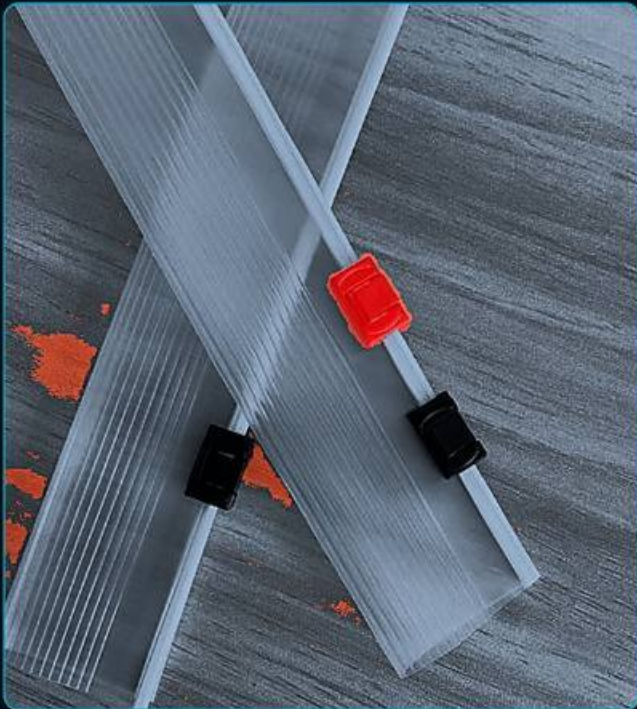


HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

35 MM



AVERAGE WEIGHT

±21 g/m

OUTER OPENING FORCE

±20 N

INNER OPENING FORCE

±60 N

SEALING TEMPERATURE

110°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY

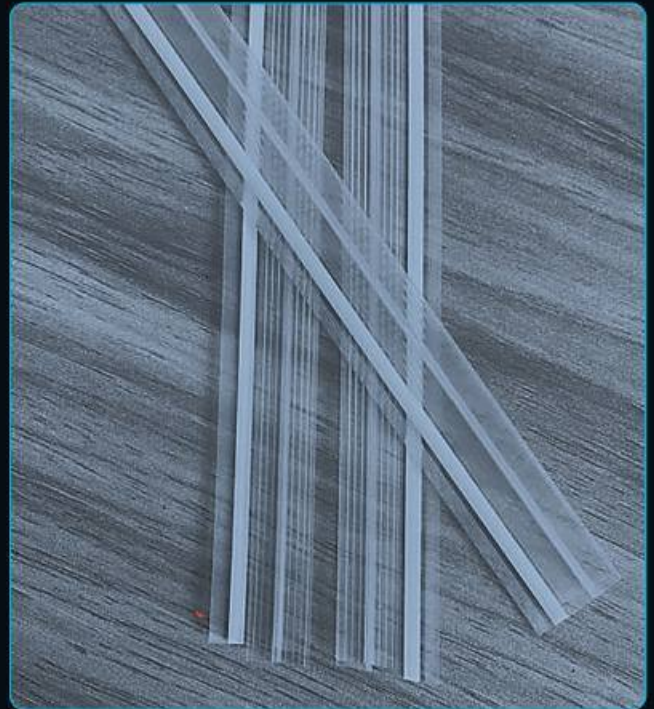


HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

21 MM



AVERAGE WEIGHT

±11 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±30 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

16 MM



AVERAGE WEIGHT

± 7 g/m

OUTER OPENING FORCE

± 10 N

INNER OPENING FORCE

± 20 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

27 MM



AVERAGE WEIGHT

± 14 g/m

OUTER OPENING FORCE

± 10 N

INNER OPENING FORCE

± 20 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY

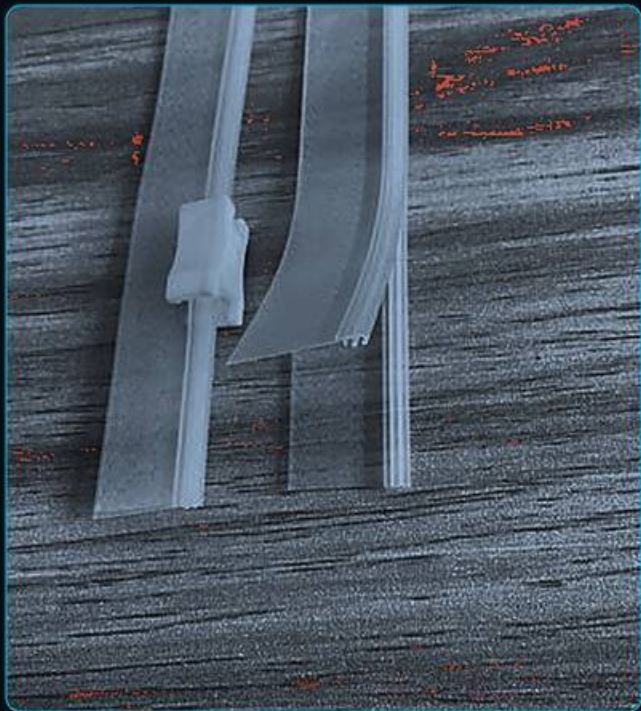


HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

17 MM



AVERAGE WEIGHT

±11 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±20 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY

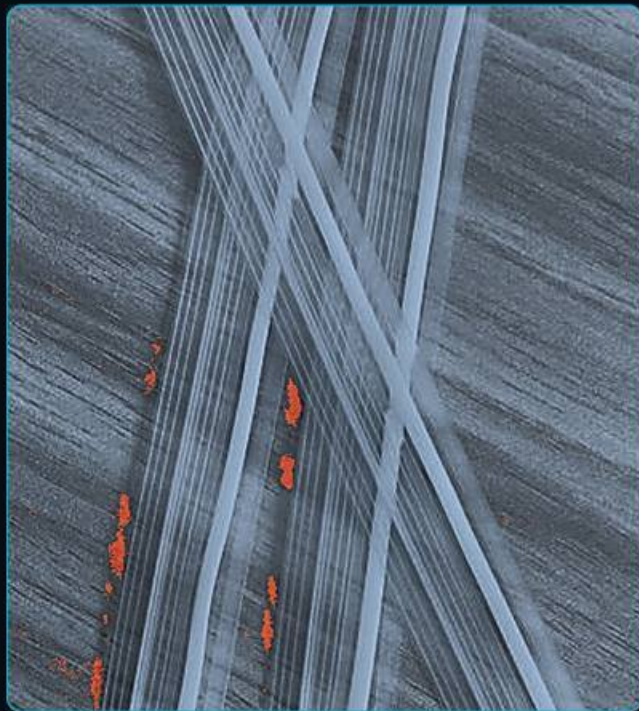


HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

21 MM



AVERAGE WEIGHT

±11 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±30 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

30 MM



AVERAGE WEIGHT

±20 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±60 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

17 MM



AVERAGE WEIGHT

±12 g/m

OUTER OPENING FORCE

±5 N

INNER OPENING FORCE

±10 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

20 MM



AVERAGE WEIGHT

±7 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±20 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY

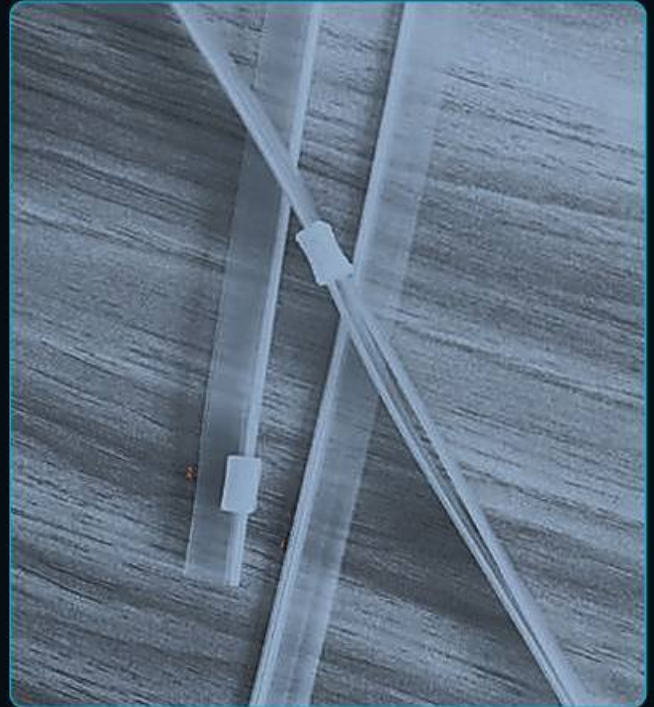


HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

12 MM



AVERAGE WEIGHT

±6 g/m

OUTER OPENING FORCE

±20 N

INNER OPENING FORCE

±100 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

23 MM



AVERAGE WEIGHT

±10 g/m

OUTER OPENING FORCE

±10 N

INNER OPENING FORCE

±10 N

SEALING TEMPERATURE

105°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE

PE ZIPPER

0.3 MM



AVERAGE WEIGHT

±3 g/m

OUTER OPENING FORCE

±5 N

INNER OPENING FORCE

±10 N

SEALING TEMPERATURE

95°C+

SUITABLE FOR

PE flexible packaging zipper bags

DESIGN FOCUS



RESEALABLE

CLOSE / REOPEN



FLEXIBLE FILM

PACKAGING READY



HEAT-SEALABLE

PROCESS COMPATIBLE



TECHNICAL SELECTION GUIDE

Reference specifications for comparing zipper profiles

MATERIAL	PROFILE	AVG. WT	OUTER FORCE	INNER FORCE	SEAL TEMP	APPLICATION
EPE	13 MM	±5 g/m	±20 N	±60 N	95°C+	PE FLEX
PPE	13 MM	±4 g/m	±20 N	±60 N	115°C+	PP/PE FLEX
PE	13 MM	±4.8 g/m	±10 N	±50 N	85°C+	PE FLEX
PE	10 MM	±4 g/m	±10 N	±50 N	95°C+	PE FLEX
PE	35 MM	±21 g/m	±20 N	±60 N	110°C+	PE FLEX
PE	21 MM	±11 g/m	±10 N	±30 N	105°C+	PE FLEX
PE	16 MM	±7 g/m	±10 N	±20 N	105°C+	PE FLEX
PE	27 MM	±14 g/m	±10 N	±20 N	105°C+	PE FLEX
PE	17 MM	±11 g/m	±10 N	±20 N	105°C+	PE FLEX
PE	21 MM	±11 g/m	±10 N	±30 N	105°C+	PE FLEX
PE	30 MM	±20 g/m	±10 N	±60 N	105°C+	PE FLEX
PE	17 MM	±12 g/m	±5 N	±10 N	105°C+	PE FLEX
PE	20 MM	±7 g/m	±10 N	±20 N	105°C+	PE FLEX
PE	12 MM	±6 g/m	±20 N	±100 N	105°C+	PE FLEX
PE	23 MM	±10 g/m	±10 N	±10 N	105°C+	PE FLEX
PE	0.3 MM	±3 g/m	±5 N	±10 N	95°C+	PE FLEX

REFERENCE NOTE

Values reflect catalog reference data and should be confirmed against production samples, target film structures and actual sealing conditions.



PACKAGING ZIPPER SOLUTIONS

Reliable closure for modern flexible packaging



LOW-TEMP

Sealing windows from 85°C+



VERSATILE

PE, EPE and PP/PE profiles



CONTROLLED

Defined opening-force ranges



SCALABLE

Multiple widths and weights

DESIGNED FOR RESEALABLE PACKAGING

A focused range of zipper profiles for stand-up pouches, food packaging, home and personal care products, and reusable storage applications.