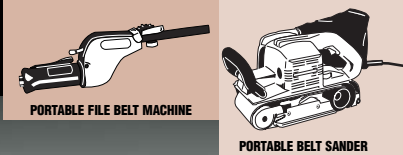


FILE AND PORTABLE BELTS



File belt specifications to perform on the most demanding, intricate shapes, profiles and materials. Portable belts are ideal for all your metal and woodworking applications.

Typical File Belt Applications

- Light weld removal and blending
- Shape and contour sanding
- Surface preparation prior to coating and plating
- Removing cutting tool marks from molds and dies
- General clean-up and finishing

Typical Portable Belt Applications

- Grinding and finishing of all metals
- Blending of welds
- Sanding and finishing of wood
- Glass seaming and polishing



FILE AND PORTABLE BELTS

BEST Norton SG Blaze R980 Belts – For greatest productivity

| FEATURES | BENEFITS |
|--|---|
| <ul style="list-style-type: none"> • Next generation cooler cutting SG ceramic abrasive grain | <ul style="list-style-type: none"> • Lasts 50% to 200% longer on mild and carbon steel, stainless, cobalt, chrom, inconel and titanium • Cuts 20% faster than the current generation of grinding belts • Longer belt life • Better metal integrity • Greater productivity; lowest total grinding costs |
| <ul style="list-style-type: none"> • Improved Y-weight polyester waterproof cloth backing | <ul style="list-style-type: none"> • Significantly improved belt life due to better grain adhesion • Edge-fray resistance • Improved body retention during use for more consistent grinding throughout belt life |
| <ul style="list-style-type: none"> • Improved resin bond system | <ul style="list-style-type: none"> • Improved grain-retention; cooler cutting during the life of the belt |
| <ul style="list-style-type: none"> • Advanced “supersize” grinding lubricant | <ul style="list-style-type: none"> • Cooler cutting during the life of the belt • Improved part finish and integrity |



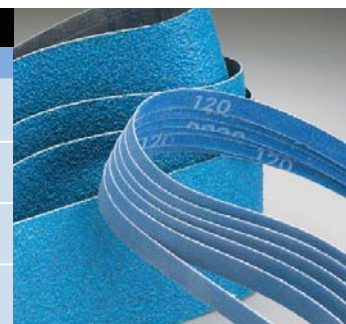
BEST Norton SG R981 Belts – Ideal for heat-sensitive jobs

| FEATURES | BENEFITS |
|--|---|
| <ul style="list-style-type: none"> • Patented Norton SG ceramic aluminum oxide abrasive | <ul style="list-style-type: none"> • Exceptional life and value, especially on hard-to-grind alloys • Aggressive cut rate • Sharpness maintained throughout life of the belt |
| <ul style="list-style-type: none"> • Grinding aid coating | <ul style="list-style-type: none"> • Cooler cut, burn-free grinding of heat-sensitive materials • Minimizes loading |
| <ul style="list-style-type: none"> • Significant performance upgrade through improved, durable Y-wt polyester, waterproof cloth backing | <ul style="list-style-type: none"> • Improved grain adhesion, reduced edge-fray and better body retention, result in longer life and product consistency |



BETTER NorZon Plus R823 Belts – The choice for stainless steel

| FEATURES | BENEFITS |
|--|---|
| <ul style="list-style-type: none"> • Premium self-sharpening zirconia alumina abrasive | <ul style="list-style-type: none"> • Aggressive, rapid cut rate |
| <ul style="list-style-type: none"> • Improved grain adhesion, durable grain coating | <ul style="list-style-type: none"> • Longer life |
| <ul style="list-style-type: none"> • Waterproof for use on a broad range of materials | <ul style="list-style-type: none"> • Versatile |
| <ul style="list-style-type: none"> • Strong X-wt polyester backing, available in finer grit range | <ul style="list-style-type: none"> • For moderate to heavy pressure applications |





| | |
|---|--|
| GOOD | Metalite R228 Belts – For metal and wood |
| FEATURES | BENEFITS |
| <ul style="list-style-type: none"> Aluminum oxide abrasive Strong X-wt cotton backing | <ul style="list-style-type: none"> Aggressive cutting; resistant to heat Versatile |



| | |
|---|---|
| GOOD | Metalite R283 Belts – Versatility for all MRO applications |
| FEATURES | BENEFITS |
| <ul style="list-style-type: none"> P-graded premium aluminum oxide abrasive Semi-flexible backing | <ul style="list-style-type: none"> Consistent, cool cut Tear and fray resistant |



File Belts 1/4" to 1" wide, 12" to 30" long

| SIZE W X L | GRIT | MIN./ STD. PKG. | BEST SG BLAZE R980† | | BEST SG R981† | | BETTER NORZON + R823‡ | | GOOD METALITE R283* | |
|---------------|------------------------------------|--------------------|---|-------------------------|---|-------------------------|--|----------------------------------|--|----------------------------------|
| | | | UPC NO. | JOINT/ FLEX | UPC NO. | JOINT/ FLEX | UPC NO. | JOINT/ FLEX | UPC NO. | JOINT/ FLEX |
| 1/4 x 24 | 60 120 | 50/200 | new! | | 78072756534 | PG, S | 78072728552 78072728550 | PG, S PG, S | 78072727548 | PG, L |
| 3/8 x 13 | 60 80 | 50/200 | | | | | 78072740295 78072736062 | PG, S PG, S | | |
| 1/2 x 12 | 40 50 60 80 100 120 | 50/200 | 69957398018 | PG, S | 78072718700 78072718701 78072718702 | PG, S PG, S PG, S | 78072728745 78072728744 | PG, S PG, S | 78072727557 | PG, L |
| 1/2 x 18 | 40 60 80 120 | 50/200 | 69957398021 69957398022 69957398023 | PG, S PG, S PG, S | 78072718704 78072718705 78072718706 | PG, S PG, S PG, S | 78072728569 78072728568 78072728567 | PG, S PG, S PG, S | 78072727561 78072727560 78072727559 78072727558 | PG, L PG, L PG, L PG, L |
| 1/2 x 24 | 40 50 60 80 100 120 | 50/200 | 69957398024 69957398025 69957398026 | PG, S PG, S PG, S | 78072718707 78072718708 78072718709 | PG, S PG, S PG, S | 78072728564 78072728566 78072753076 78072728565 | PG, S PG, S PG, S PG, S | 78072727568 78072727567 78072727566 78072727565 | PG, L PG, L PG, L PG, L |
| 3/4 x 18 | 40 60 80 120 | 50/200 | 69957398027 69957398028 69957398029 | PG, S PG, S PG, S | 78072745691 78072756309 78072756308 | PG, S PG, S PG, S | 78072709590 78072758953 | PG, S PG, S | | |
| 3/4 x 20-1/2 | 40 50 60 80 100 120 | 50/200 | 69957398030 69957398031 69957398032 | PG, S PG, S PG, S | 78072718714 78072718715 78072718716 | PG, S PG, S PG, S | 78072728560 78072728559 | PG, S PG, S | 78072727573 | PG, L |
| 1 x 12 | 60 | 50/200 | | | | | 78072753073 | PG, S | | |
| 1 x 24 | 50 | 50/200 | | | 78072710374 | PG, S | | | | |
| 1 x 30 | 60 80 120 | 50/200 | | | 78072718723 78072718724 | PG, L PG, L | 78072728583 78072728582 | PG, L PG, L | 78072727579 78072727577 | PG, L PG, L |

REFER TO PAGE 86 FOR JOINT AND FLEX DESCRIPTIONS. * P-GRADED † WATERPROOF



Starting Recommendations by Material

| MATERIAL | HEAVY DUTY | GENERAL DUTY |
|------------------------|----------------------|---------------------|
| Carbon Steel | Norton SG R981 | Metalite R283, R228 |
| Stainless Steel/Alloys | Norton SG Blaze R980 | NorZon Plus R823 |
| Cast Iron | Norton SG R981 | Metalite R283, R228 |
| Brass/Bronze | NorZon Plus R823 | NorZon Plus R823 |
| Aluminum | NorZon Plus R823 | Metalite R283 |
| Wood | NorZon Plus R823 | Metalite R228 |



PORTABLE BELT SANDER

Portable Belts 3" to 4" wide, 15-1/2" to 24" long

| SIZE W X L | GRIT | MIN./ STD. PKG.* | BEST NORTON SG R981† | | GOOD METALITE R228 | |
|---------------|----------------|---------------------|-------------------------|----------------|-----------------------|----------------|
| | | | UPC NO. | JOINT/ FLEX | UPC NO. | JOINT/ FLEX |
| 3 x 18 | 36 | 10/50 | | | 78072721666 | Plyweld, RR |
| | 50 | | | | 78072721664 | Plyweld, RR |
| | 80 | | | | 78072721662 | Plyweld, RR |
| | 120 | | | | 78072721660 | Plyweld, RR |
| 3 x 21 | 40 | 10/50 | | | 78072721691 | Plyweld, RR |
| | 50 | | | | 78072721690 | Plyweld, RR |
| | 60 | | | | 78072721685 | Plyweld, RR |
| | 80 | | | | 78072721680 | Plyweld, RR |
| | 100 | | | | 78072721676 | Plyweld, RR |
| 3 x 24 | 36 | 10/50 | | | 78072721770 | Plyweld, RR |
| | 40 | | | | 78072721765 | Plyweld, RR |
| | 50 | | | | 78072721760 | Plyweld, RR |
| | 60 | | | | 78072721755 | Plyweld, RR |
| | 80 | | | | 78072721750 | Plyweld, RR |
| | 100 | | | | 78072721745 | Plyweld, RR |
| | 120 | | | | 78072721740 | Plyweld, RR |
| | 150 | | | | 78072721739 | Plyweld, RR |
| | 180 | | | | 78072721736 | Plyweld, RR |
| | 3-1/2 x 15-1/2 | | | | 36 | 10/50 |
| 60 | | 78072718750 | Plyweld, RR | 78072722000 | Plyweld, RR | |
| 80 | | 78072718751 | Plyweld, RR | 78072721995 | Plyweld, RR | |
| 120 | | 78072718753 | Plyweld, RR | | | |
| 4 x 24 | 36 | 10/50 | | | 78072722058 | Plyweld, RR |
| | 40 | | | | 78072722057 | Plyweld, RR |
| | 50 | | | | 78072722056 | Plyweld, RR |
| | 60 | | | | 78072722055 | Plyweld, RR |
| | 80 | | | | 78072722050 | Plyweld, RR |
| | 100 | | | | 78072722045 | Plyweld, RR |
| | 120 | | | | 78072722044 | Plyweld, RR |

REFER TO PAGE 86 FOR JOINT AND FLEX DESCRIPTIONS.

† WATERPROOF



Recommended Grit Selection

| ROUGH/HEAVY DUTY | INTERMEDIATE | FINISHING/POLISHING |
|------------------|--------------|---------------------|
| 36-50 | 60-100 | 100-120 |

File and Portable Belt Competitive Cross Reference

| NORTON | 3M | HERMES | KLINGSPOR | SAIT | SIA | VSM |
|----------------------------------|--|---------------------------------|---------------------------|------------|-----------------------------------|------------------|
| Norton SG Blaze R980 | 977F, 777F, 967F | | CS612YY | | | SK840X |
| Norton SG R981 | 963G, 963H, 967F | | | | | |
| NorZon Plus R823 | 551E Cubicut XE | RB844Y | CS411YX | | | KK715X |
| ADDITIONAL FILE BELTS | | | | | | |
| Metalite R283 | 231D, 241E, 261E 311ED, 331D, 351E, 353E | RB317J, RB316EJ RB303 Flex | CS310XF | | 933A, 936A | KK711T, KK511J |
| ADDITIONAL PORTABLE BELTS | | | | | | |
| NorZon Plus Job Pack | 561D Y, 568D Y, 761D | RB484TY | CS411X | ZH | | |
| | | | | | | |
| Metalite R228 | 240DZ OPK, 260DZ OPK 241D, 248D, 251D 3411, 351D | RB316XOP RB372YOP RB346MX | CS311X CS310Y CS410 | AOX IAX | 2903XO 2905X 2920X 2928Y | KK511X KK711X |
| | | | | | | |
| All Purpose Job Pack | 270D, 270DZ, 272DZ 260D, 362RZ | RB316-34XOP | CS311X CS413Y | | | KK524X |